

100 Documents

Publication numbers	Title	Current assignees
WO201204693 A1	Multifunctional orthopaedic pillow with external fabric cover, filled with a plurality of disc-shaped particles or pieces structured on the basis of non-contaminating polymer	ALMUPERS
CO2017002641A1 A1	Multifunctional orthopaedic pillow with non-polluting polymers	OSPINA QUINTERO LUIS ORLANDO
CN206822447U U	Cervical vertebra orthopaedic pillow	SHANGHAI NINTH PEOPLE S HOSPITAL AFFILIATED TO SHANGHAI JIAO TONG UNIVERSITY SCHOOL OF MEDICINE, ...
US5033137 A	Orthopedic pillow with groove for spine	PEDROW JOHN
US4756090 A	Orthopedic pillow and sizing kit therefor	PEDROW JOHN
US20120054966 A1	Orthopedic pillow	BACON PAUL ROLAND
MX2016000689 A	Orthopaedic pillow for skull and face protection	JUAN ANDRÉS LÓPEZ HERNÁNDEZ, ...
KR100897481 B1	Position supporting device for preventing a suffocation and a positional deformity of an infant	KIM, JIN-YONG
US4768246 A	Apertured orthopedic head pillow	SUMMER JOHN D
CN109044015 A	Repeatedly mobile traction cervical vertebra pillow	LIN WEILIN
ES2571628 A1	Pillow for babies and/or infants	LOIN CLOTH
US5363524 A	Multi-adjustment cervical pillow	MAKURA
WO2011107863 A1	Novel ergonomic pillow and uses thereof in bedding	FABIANNE SPOTTIS
CN101449902 A	Universally adjustable pillow for use in healthcare and therapy	Soldier Zhang statement, ...
CN108498227 A	Intelligent thermal insulation cervical vertebra pillow powered by solar energy	SICHUAN UNIVERSITY
KR101147606 B1	A functionality pillow	ELD
WO200456237 A2	Breathable toy	BREATHABLEBABY
CN203987240U U	Adjustable cervical vertebra orthopedic pillow	ZHEJIANG TONGJI VOCATIONAL COLLEGE OF SCIENCE & TECHNOLOGY
US20140345055 A1	Multiply adjustable orthopedic pillow	LI CONGHUA
CN104921535 A	Multifunctional pillow	CHENGDU SIFU HYDRAULIC EQUIPMENT
CA2871905 A1	Therapeutic pillow	John MARINKOVIC, ...
WO201096727 A1	Lateral support craniocervical orthosis and method	Maikam. W. Tallus, ...
GB200324365 D0	Pillow system	PATEL INDIRA

Publication numbers	Title	Current assignees
WO200180690 A1	Contourable inflatable orthopedic pillow	EDIZONE
FR2765464 A1	Pillow for cervical comfort	ASKLE S A
WO201196663 A2	Fixed pillow for deep sleep	T & I
CN108938328 A	Swing traction cervical vertebra pillow	LIN WEILIN
CN108567276 A	Swing type cervical vertebra pillow	LIN WEILIN
CN107510531 A	Seat-type rehabilitation treatment machine for cervical spondylosis of all types	ZHANG ZHI
CN107348770 A	Wooden health-care pillow for cervical vertebrae	FU JUNCAI
US20170013978 A1	Orthopedic Pillows for Supine Sleepers	LEACH JUSTIN JAMES, ...
CN108209388 A	Multifunctional healthcare pillow	PUCHENG YIDAOSHEN HEALTH CARE PRODUCTS
CN106820833 A	Adjustable multifunctional cervical vertebra health care pillow	LIANG HEPING
US20100200001 A1	Cpap pillow apparatus and method	RANDALL BRET
CN108154415 A	Height and hardness adjustable multifunctional pillow matching system	AISLEEP TECHNOLOGY
KR20170002198U U	Functional cervical vertebra and wing pillow	Q SYSTEM
US20080216242 A1	Orthopedic pillow having improved incremental compressive resistance for improved cervical support	RELAX RIGHT
KR200408517U Y1	Traction pillow for herniated intervertebral disc patient	RYU DOK
US6397415 B1	Orthopedic pillow	HSIEH HSUAN-CHI
CA2832742 A1	Pillow	JOHN S ABDUL
CN104473489 A	Flexible comfortable back and breast-stretching neck and shoulder pillow bracket	ZHANG ZHI
KR20100039109 A	Multifunctional pillow	WHANG, SOON AE
WO9820779 A1	Adjustable cervical beautification pillow	LES NUAGES
US5630651 A	Pressure adjustable cervical pillow with lateral sides	FISHBANE; BRUCE M.
KR20110012265 A	Cervical Vertebrae Pillow Fabricated by Three Dimensional Sewing	TEXLAND NEXKO
US20190110617 A1	Pillow with adjustable sleeve for inflatable air bladder	BERNEY ROBERT, ...
CN108814187 A	Multifunctional health-care pillow	GUANGZHOU XIANGYING MDT INFOTECH
CN202397044U U	Cervical vertebra physical orthopedic pillow for cervical spondylosis	FU LAFENG
US6175979 B1	Inflatable orthopedic pillow	JACKSON JOHN C.
CN105935232 A	Cervical vertebra pillow and sleeping pillow composite multipurpose pillow	ANLU TIANYU HEALTH PRODUCTS
KR20140003910 A	Netted pillow	KIM, DAE SANG
US7203983 B1	Pillow	RELAX RIGHT, ...

Publication numbers	Title	Current assignees
US6182312 B1	Orthopedic head and neck support pillow that requires no break-in period	JOBRI
US5797153 A	Orthopedic body pillow	AMIOKA; JAMES MINORU
CN108742018 A	Traditional Chinese medicine health-care pillow for cervical vertebra	LI SHUBIN
CN108078309 A	Multifunctional intelligent health care pillow and preparation method thereof	WANG HAIPENG
KR101840442 B1	Cervical tensile and snoring prevention pillow	JINBO CRANE
CN106726100 A	Cervical vertebra rehabilitation pillow	BEIJING DAYAYA E COMMERCE
CN106419369 A	Neck pillow	SU PEIQIANG
KR101639395 B1	Pillow equipped with bone-conduction speaker	ROH, GEUN HO
CN204105569U U	Shape protection and correction dry health care pillow for 0 to 5 years old children	LIU CHANGHUA
KR20120133249 A	Pillow	KIM, WON HEE
CN101884484 A	Multi-position cervical pillow and an adjustable pillow set thereof	SUN XI
WO2005122922 A2	Occipital fixation system and method of use	ABDOU M.S., ...
KR20170041060 A	Pillow for cervical vertebrae adjustment using distraction technic	T & I, ...
US20150351564 A1	Folding two section pillow comprised of horseshoe and contour pillows	VOGEL JOSEPH D
CN104687925 A	Health care pillow capable of shaping	SUZHOU AIJIKANG BIOTECHNOLOGY
CA2901108 A1	Orthopedic pillow for treatment and prevention of lumbar and thoracic spine diseases	PHAM THI KIM LOAN
CN108433476 A	Ergonomic pillow, design method and manufacturing process thereof	LI SHIJIE
WO201613723 A1	Pillow for inducing cerebrospinal fluid circulation	T & I
CN104720471 A	Head relaxing pillow	2 F, ...
CN104687926 A	Cervical vertebra health care pillow	SUZHOU AIJIKANG BIOTECHNOLOGY
KR20140130885 A	A cervical pillow	JANG, YEONG AE
WO201215466 A2	Orthopedic device	MIHIN CHIROPRACTIC CLINIC
KR20190023804 A	Adjustable Pillow for Acupressure a Sound Sleep	INHA INDUSTRY PARTNERSHIP INSTITUTE
CN204863780U U	Multi -functional postoperative position pillow	HARBIN MEDICAL UNIVERSITY
WO200620545 A2		

Publication numbers	Title	Current assignees
	Multi-function cervical pillow	CORE PRODUCTS INTERNATIONAL
US5497519 A	Orthopedic body pillow	CANON
DE9215348 U1		RMT REHAMED TECHNOLOGY 6057 DIETZENBACH
CN108324528 A	Treatment and nursing equipment for patient with cervical spondylosis in hospital department of orthopedics	CHEN XIULAN
KR20180001580U U	Pillow for protecting cervical vertebra	KIM, JONG LIM
CN107997863 A	Sleep traction pillow	HAO GUISHENG
KR20180031098 A	the cervical vertebrae acupressure treatment pillow	MA, SUNG MIN
KR101818572 B1	Neck pillow for maintaining c-type cervical vertebra	GAVIN S & C
KR20150054115 A	Pillow for Protecting Cervical Vertebral	SHIN, WOO YEOL
WO9709913 A1	Therapeutic sleeping pillow	CURRAN JAMES, ...
US6490743 B1	Orthopaedic pillow cover	BLUE PLANET DESIGN, ...
US5375278 A	Therapeutic pillow and method	COMPASS HEALTH BRANDS
US5163194 A	Adjustable cervical pillow	KIRCHHOFF GUENTHER, ...
US5025518 A	Orthopedic head pillow	SUMMER JOHN D
KR101966562 B1	Functional Pillow	KONYANG UNIVERSITY INDUSTRIAL COOPERATION
CN105996633 A	Self-adaptive and intelligently responsive cervical pillow and manufacturing method thereof	CHANGCHUN INSTITUTE OF APPLIED CHEMISTRY
CN105877334 A	Multifunctional pillow	LIN WEILIN
CA2863982 A1	Multi-position multi-purpose pillow	DAVIS EVEROL WASHINGTON JR, ...
KR20150016861 A	a baby a pillow suffoca tion prevention a bedstead	LEE, EUN-JAE
CN103622358 A	Multifunctional afternoon nap pillow	SHENZHEN JYK TECHNOLOGY
US20140020184 A1	System and method for an adjustable cervical contour pillow	PRO 365, ...
CN201337224U Y	Multi-position continuously adjustable dual-purpose pillow for healthcare and treatment	ZHANG WENBING
US4850067 A	Orthopedic pillow which minimizes snoring	LATORRE NESTOR R
CN108577407 A	Preparation method of graphene antibacterial heating cervical vertebra healthcare pillow	JIANGSU COLLEGE OF ENGINEERING & TECHNOLOGY

Family 1/100 - FAMPAT - ©Questel

Title

(EP2591704)

Multifunctional orthopaedic pillow with external fabric cover, filled with a plurality of disc-shaped particles or pieces structured on the basis of non-contaminating polymer

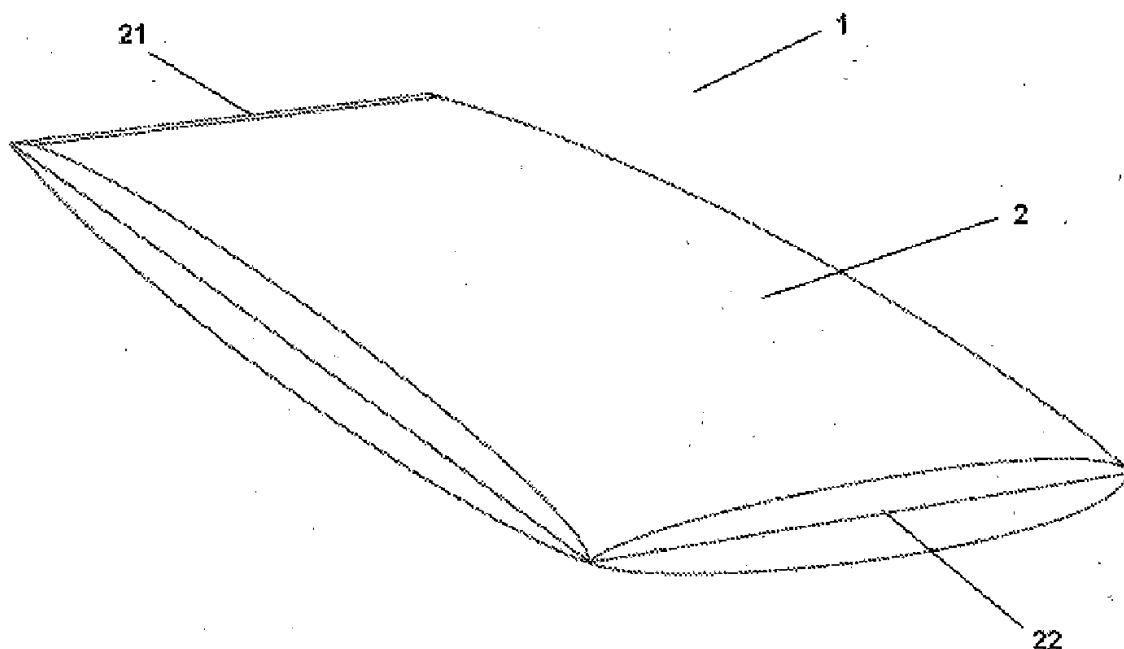
Images

FIG. 1

Publication data including kind & date

WO2012004693	A1	2012-01-12	WO201204693
CO6360211	A1	2012-01-20	CO6360211A1
EP2591704	A1	2013-05-15	EP2591704
KR20130088142	A	2013-08-07	KR20130088142
EP2591704	A4	2013-12-11	EP2591704

**Abstract**

(EP2591704)

The invention relates to a multifunctional orthopedic pillow comprising a number of pieces structures on the basis of non-contaminated polymer, with which said pillow is filled. The pillow is made using impermeable cotton fabric, preferably with polyester, for comfort, freshness, relaxation, moldability and adaptability to any type of uses. The pillow is also characterized in that it adapts to the shape of the user's head, protecting the neck area and minimizing the risk of suffocation through limitation of movement.

Inventors

OSPINA QUINTERO LUIS ORLANDO

Latest standardized assignees - inventors removed

ALMUPERS

Family 2/100 - FAMPAT - ©Questel

Title

(WO2018172941)

Multifunctional orthopaedic pillow with non-polluting polymers

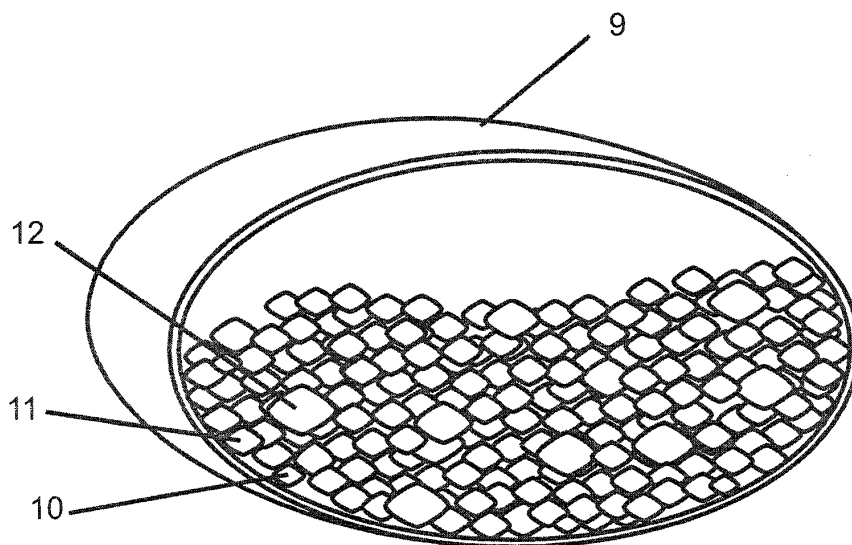
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FIG. 1

Publication data including kind & date[CO2017002641](#)

A1

[2018-03-28](#)

CO2017002641A1

[WO2018172941](#)

A1

2018-09-27

WO2018172941

**Abstract**

(WO2018172941)

The present invention relates to objects or devices for home use. The invention particularly concerns a multifunctional orthopaedic pillow comprising a combination of rhomboidal, oval and disc-shaped filling pieces made of non-polluting polymers, which pillow adapts to the shape of the skull to protect the neck area, prevents the risk of suffocation by restricting movement and ensures the roundness of the skull, the filling of the pillow adapting to the head and preventing same from deforming. The pillow is formed in stages according to the development of the skull, from 20 days after birth until adulthood, and all the pieces come in different sizes according to age.

Inventors

OSPINA QUINTERO LUIS ORLANDO

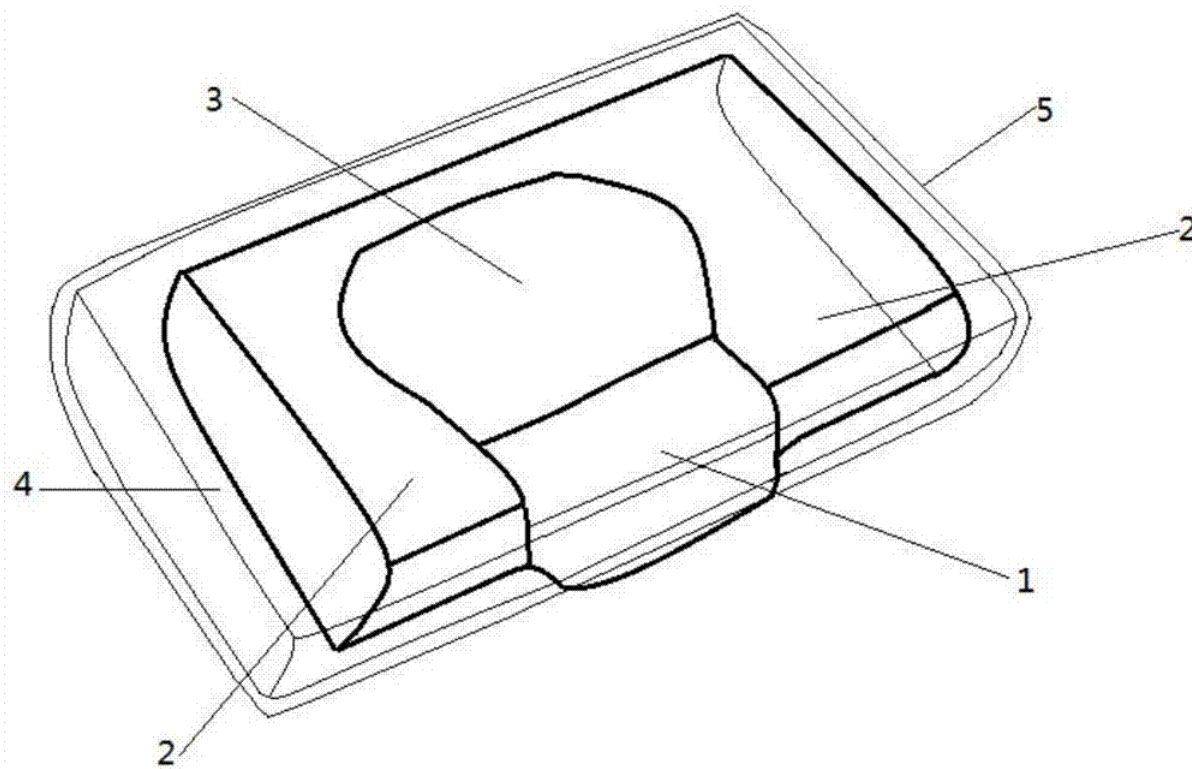
Family 3/100 - FAMPAT - ©Questel

Title

(CN206822447U)

Cervical vertebra orthopaedic pillow

Images

**Publication data including kind & date**[CN206822447](#)

U

2018-01-02

CN206822447U

**Abstract**

(CN206822447U)

The utility model provides a cervical vertebra orthopaedic pillow and manufacturing method. It includes, is in including pillow portion, cover the outside outer core of sponge of pillow portion be inwith the cover the outside pillowcase portion of the outer core of sponge, the utility model discloses a cervical vertebra orthopaedic pillow pillow texture is harder, and the corrective force degree is big, and correction effect is well just stable, is showing resumeing patient cervical curvature effect.

Inventors

WANG JINWU

LI NING

WAN KEMING

YU CHAO

LIU ZHIYUAN

DAI KERONG

Latest standardized assignees - inventors removed

SHANGHAI NINTH PEOPLE S HOSPITAL AFFILIATED TO SHANGHAI JIAO TONG UNIVERSITY SCHOOL OF MEDICINE

SHANGHAI JIAO TONG UNIVERSITY

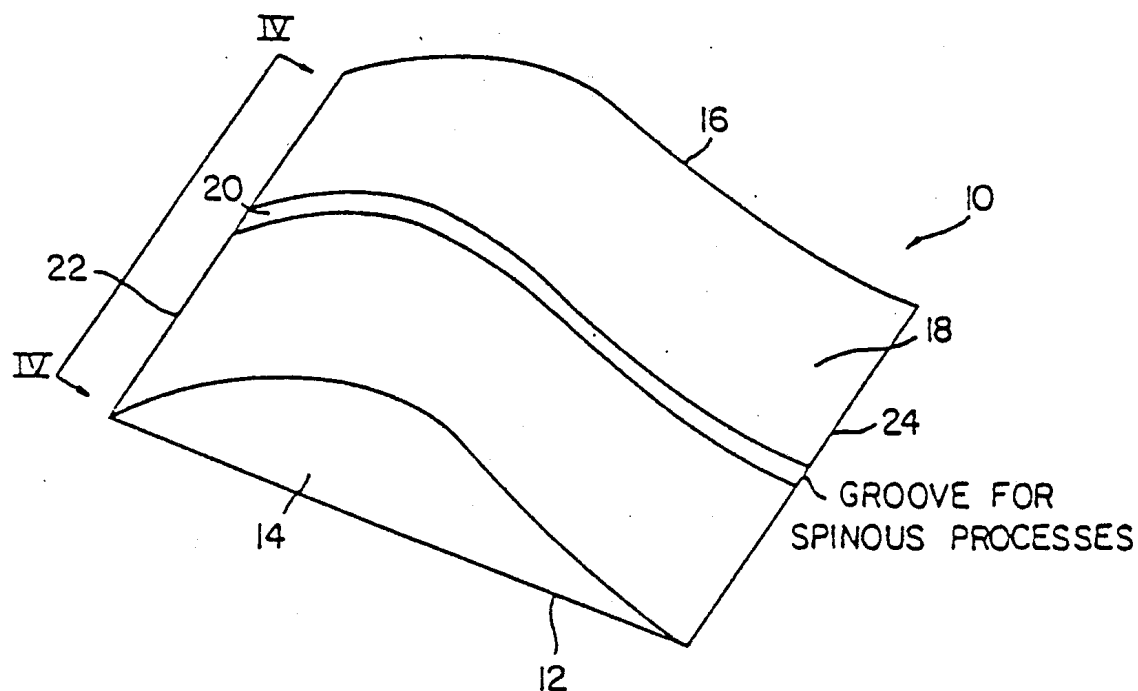
Family 4/100 - FAMPAT - ©Questel

Title

(US5033137)

Orthopedic pillow with groove for spine

Images

**Publication data including kind & date**[US5033137](#)

A 1991-07-23 US5033137

**Abstract**

(US5033137)

An orthopedic pillow having a block made of deformable material, the block having a substantially quadrilateral perimeter, an upper surface of the block having a substantially airfoil-shaped reverse curved surface, and a groove being provided in the upper surface, the groove being sized and adapted to accommodate the cervical vertebrae of a user of the orthopedic pillow. The orthopedic pillow may be provided with an arrangement for altering its temperature so as to effect either a warming or cooling of the user's cervical vertebrae. A sizing kit for determining an appropriate size of orthopedic pillow for use by a patient is also described.

Inventors

PEDROW JOHN

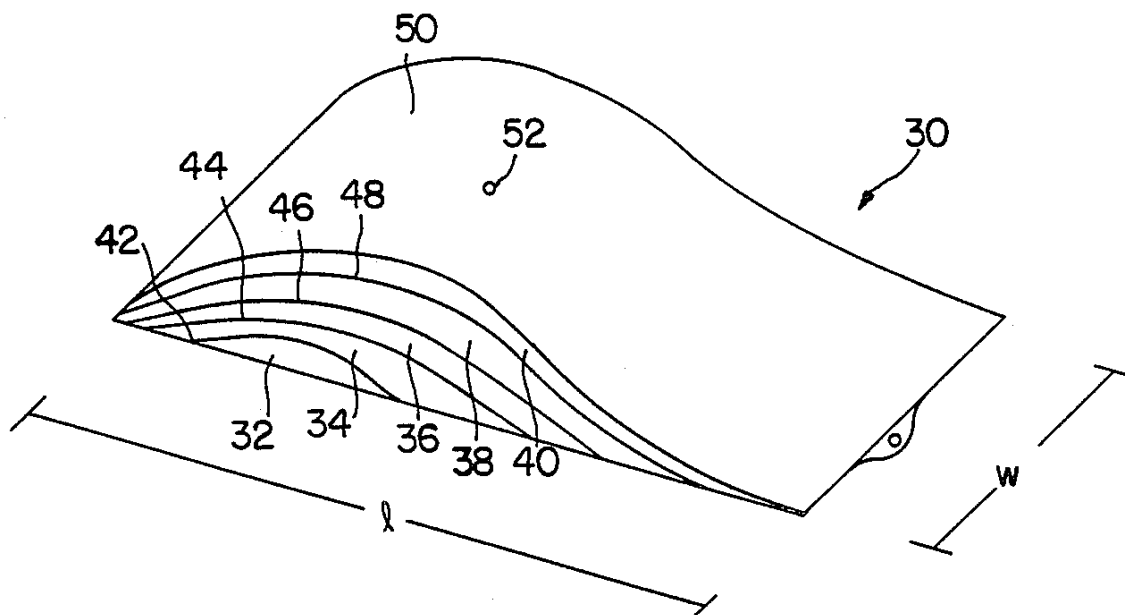
Family 5/100 - FAMPAT - ©Questel

Title

(US4928335)

Orthopedic pillow and sizing kit therefor

Images



Publication data including kind & date

US4756090	A	1988-07-12	US4756090
US4903412	A	1990-02-27	US4903412
US4928335	A	1990-05-29	US4928335



Abstract

(US4928335)

An orthopedic pillow having a block made of deformable material, the block having a substantially quadrilateral perimeter, an upper surface of the block having a substantially airfoil-shaped reverse curved surface, and a groove being provided in the upper surface, the groove being sized and adapted to accommodate the cervical vertebrae of a user of the orthopedic pillow. The orthopedic pillow may be provided with an arrangement for altering its temperature so as to effect either a warming or cooling of the user's cervical vertebrae. A sizing kit for determining an appropriate size of orthopedic pillow for use by a patient is also described.

Inventors

PEDROW JOHN

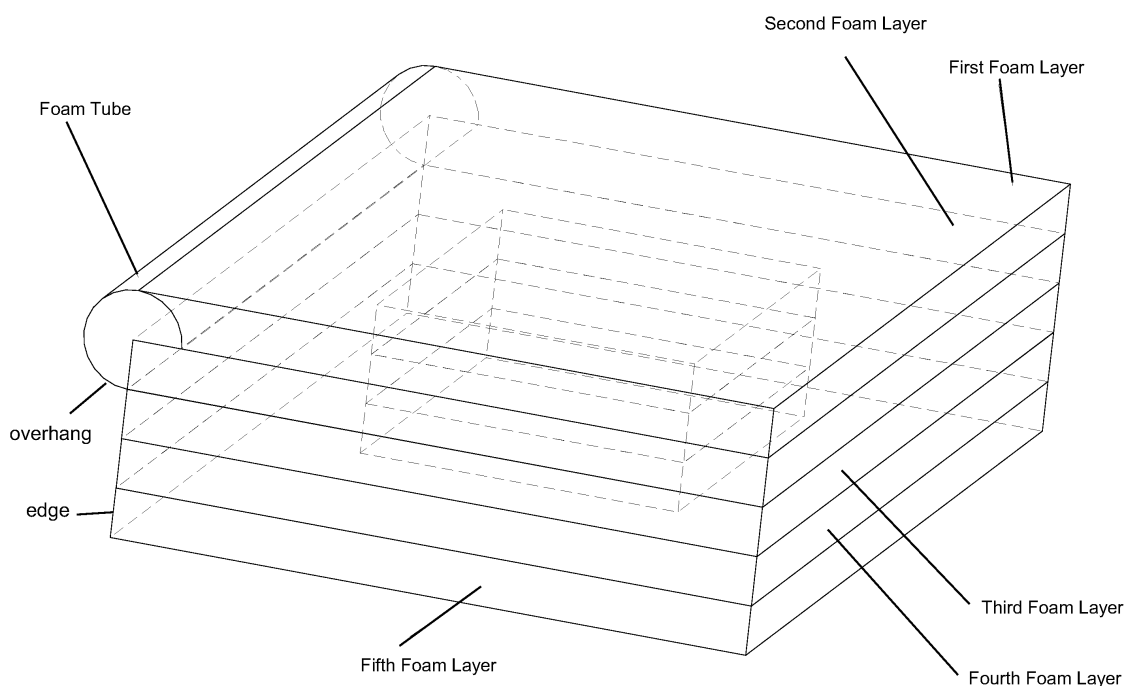
Family 6/100 - FAMPAT - ©Questel

Title

(US8234732)

Orthopedic pillow

Images

**Publication data including kind & date**

US20120054966	A1	2012-03-08	US20120054966
US8234732	B2	2012-08-07	US8234732

**Abstract**

(US8234732)

An orthopaedic pillow has a plurality of foam layers. The plurality of foam layers includes a top foam layer made of memory foam. The top foam layer is constructed and arranged to receive a user's head. The plurality of foam layers also includes a middle foam layer made of latex foam, the middle layer defining a central opening, and a bottom layer made of latex foam. The orthopaedic pillow also has a high density foam tube affixed to an edge of the top foam layer. The high density foam tube is constructed and arranged to support the user's neck.

Inventors

BACON PAUL ROLAND

Family 7/100 - FAMPAT - ©Questel

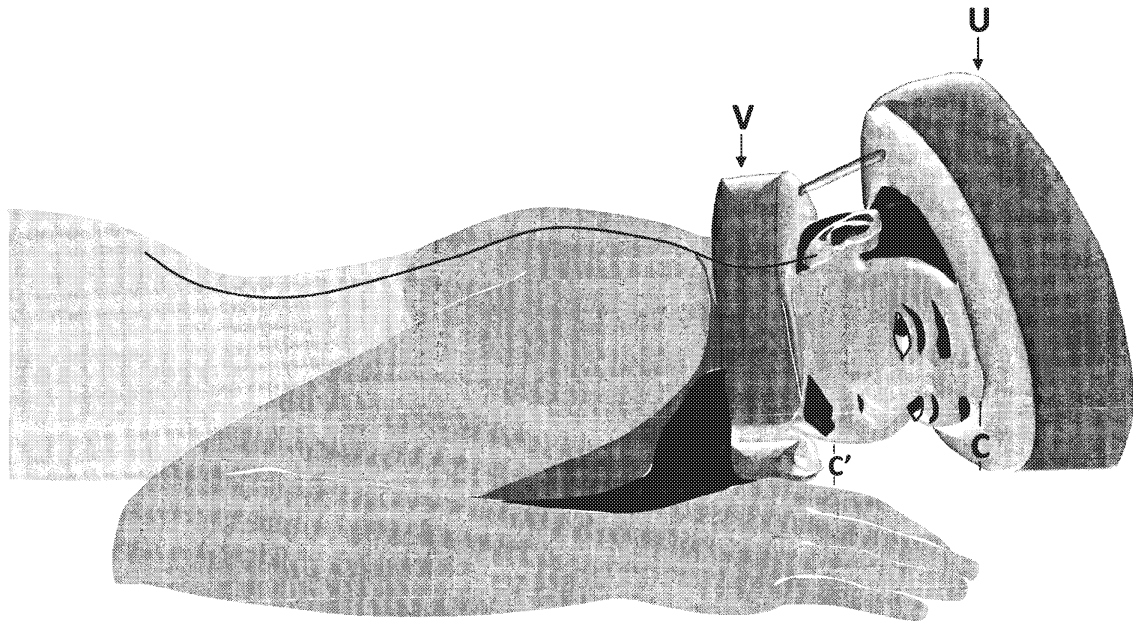
Title

(WO2017126954)

Orthopaedic pillow for skull and face protection

Images

FIGURA 12

**Publication data including kind & date**

MX2016000689	A	2017-07-17	MX2016000689
WO2017126954	A1	2017-07-27	WO2017126954

**Abstract**

(WO2017126954)

The invention relates to an orthopaedic pillow for skull and face protection, intended for areas containing lesions resulting from surgery or an accident or which, for any other reason, require isolation to prevent contact in any area of the skull or face. The pillow is formed by a padded hood into which the user inserts his/her head and has the advantage of allowing different heights as the user rotates about the axis of his/her body while lying down, optimising the sleeping posture in any position. In this way, the back, neck and head are always aligned, thereby removing the risk of muscle strains and wry neck, owing to the design which includes walls made of different thicknesses. The pillow protects lesions in areas affected by surgery of, or an accident to the face and skull, or which, for any other reason, require isolation to prevent contact in any area of the user's skull or face. This is achieved by virtue of the structure of the pillow and the numerous options to include openings depending on the areas to be protected against contact. The hood is made in different measurements to match the size of the user.

Inventors

LÓPEZ HERNÁNDEZ JUAN ANDRÉS

Family 8/100 - FAMPAT - ©Questel

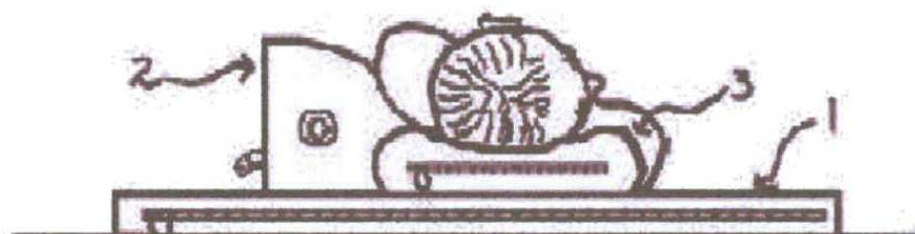
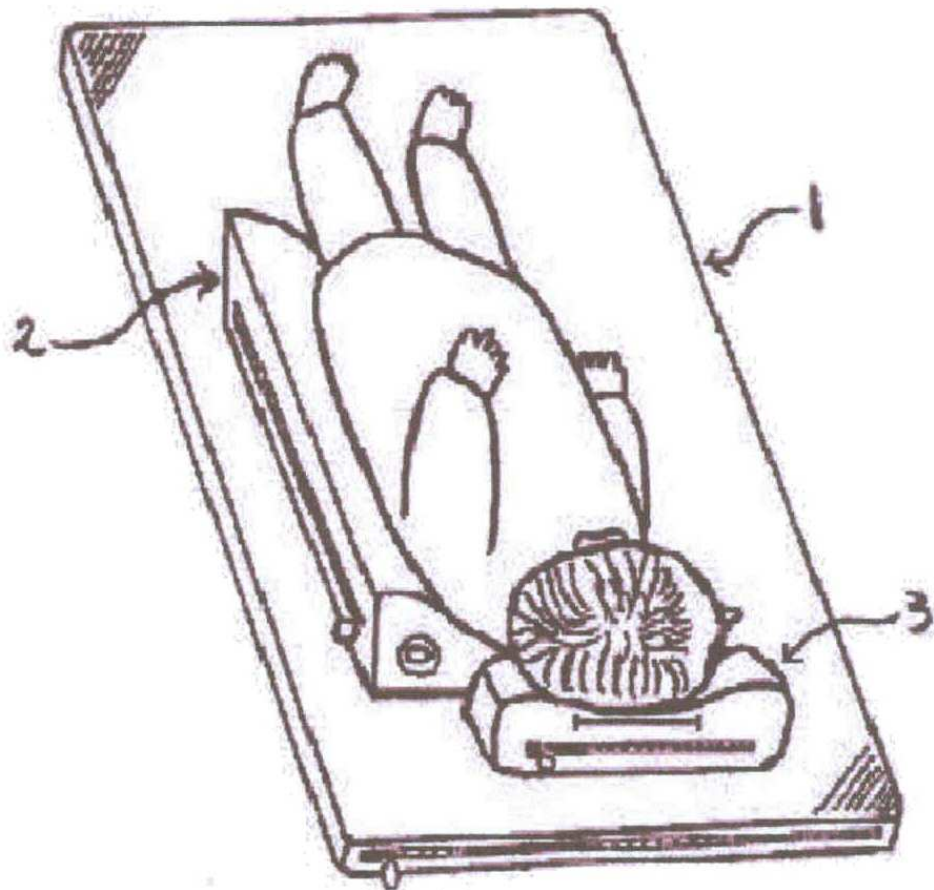
Title

(KR100897481)

Position supporting device for preventing a suffocation and a positional deformity of an infant

Images

도 1



Abstract

(KR100897481)

PURPOSE: A position maintenance device is provided to diagonally maintain the posture of an infant according to the body size more comfortably.

CONSTITUTION: A position maintenance device comprises: a mattress(1); a shape backrest(2) which is formed in order to diagonally raise up one side of the back of an infant; and a headrest(3) including an elasticity wallboard. The backrest is comprised of an outer cover and an air tube which is built in the outer cover. The outer cover is formed of a zipper. The top end portion of the outer cover is made of the meshed air mesh so that the smooth ventilation can be made.

© KIPO 2009

Inventors

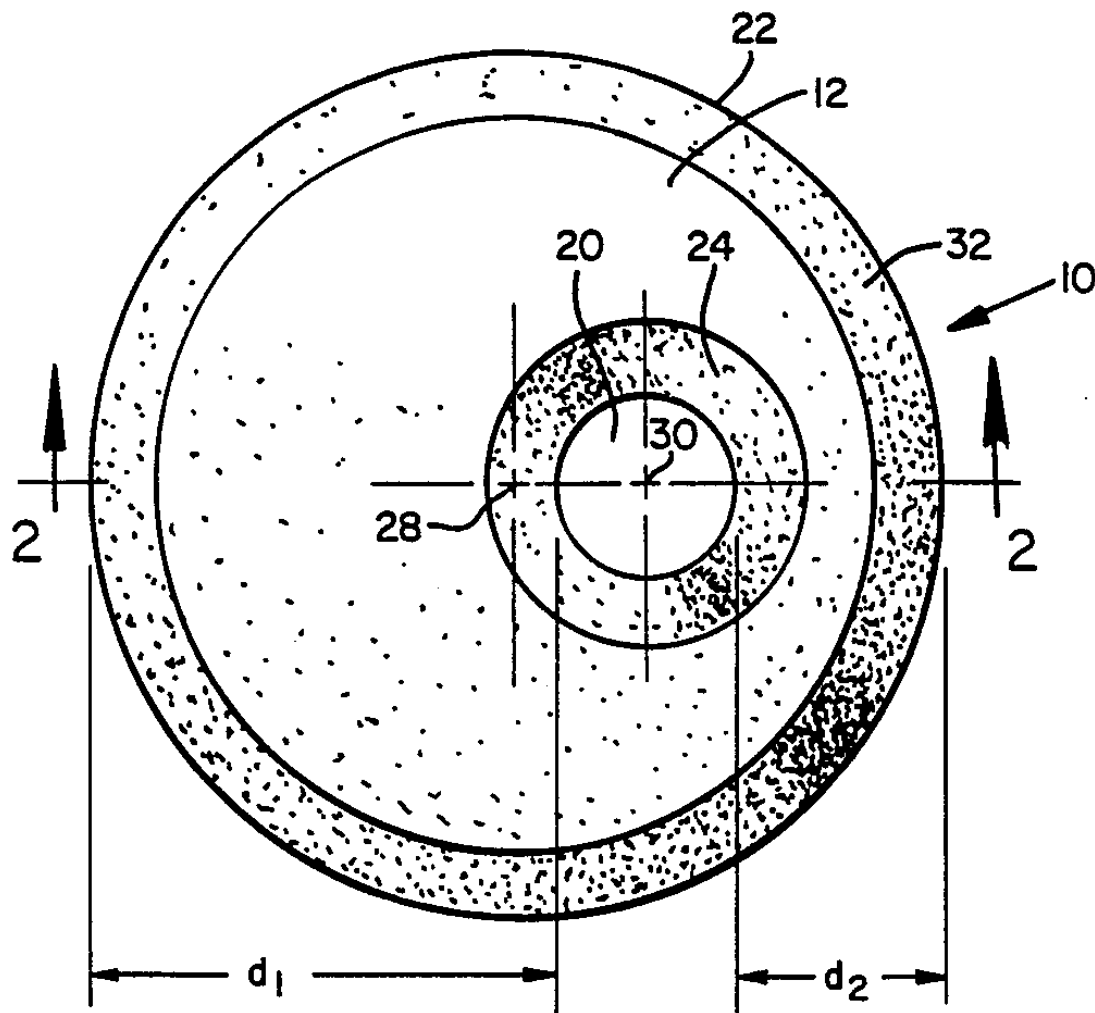
KIM, JIN-YONG

Family 9/100 - FAMPAT - ©Questel

Title

(US4768246)

Apertured orthopedic head pillow

Images**Publication data including kind & date**[US4768246](#)

A 1988-09-06 US4768246

**Abstract**

(US4768246)

In an orthopedic pillow in accordance with the present invention comprises a unitary body of foam or other resilient material with a deep generally hemispherical depression or aperture. The aperture receives the back of a user's head in such a

manner that a portion of the weight of the head is supported directly by a mattress or the like beneath the pillow while the rest of the weight of the user's head is supported by the surrounding portion of the pillow. This design allows the user's head to rest generally on the same horizontal surface on which the remainder of the user's body rests. As a result, the head can shift backwardly into an ideal postural position in relation to the long axis of the user's body. In addition to holding the head, the pillow cushions the head by distributing its weight over a wide area. Also, the aperture is eccentrically positioned in the body to provide different distances between the edge of the body and the aperture. By orienting the pillow appropriately, it can be positioned to fit users with different neck lengths. Also, in one form of the invention, the size of the aperture is adjustable to fit various sized heads.

Inventors

SUMMER JOHN D

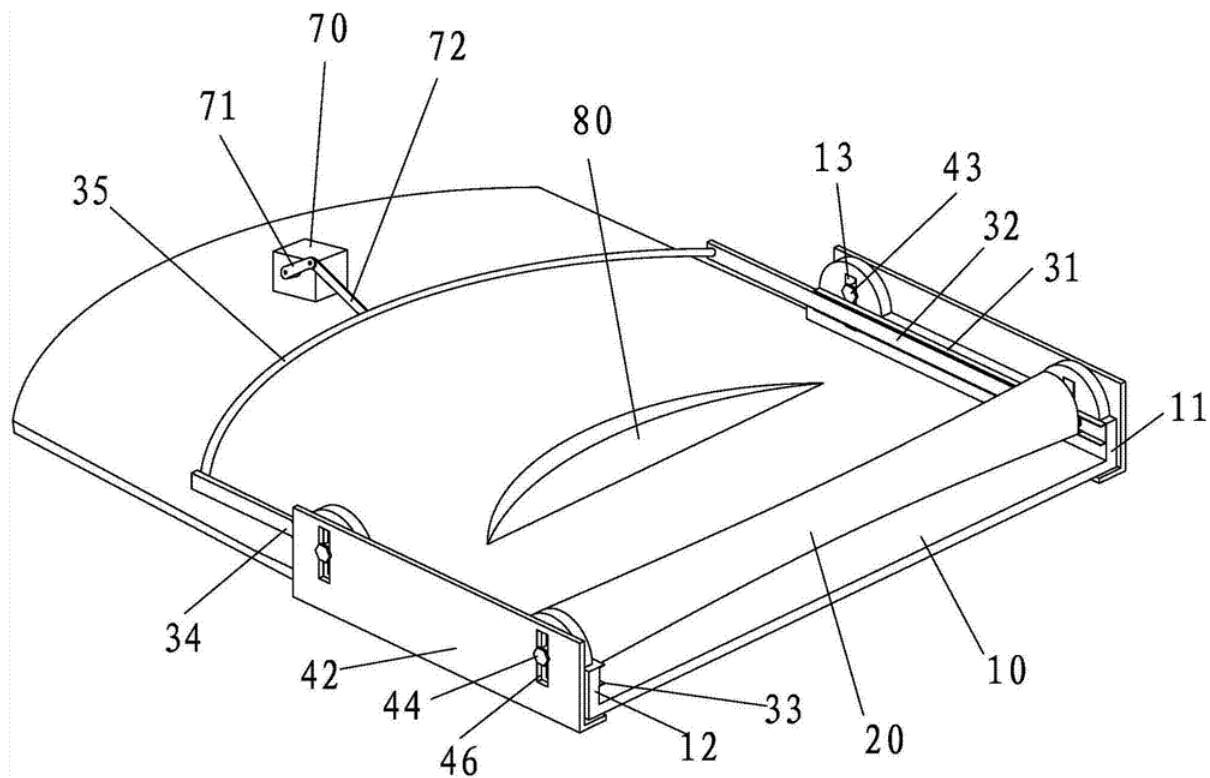
Family 10/100 - FAMPAT - ©Questel

Title

(CN109044015)

Repeatedly mobile traction cervical vertebra pillow

Images



Publication data including kind & date

[CN109044015](#)

A 2018-12-21 CN109044015



Abstract

(CN109044015)

The invention relates to a repeatedly mobile traction cervical vertebra pillow, which comprises a bracket, a first slide rail arranged on the bracket, a first slide block movably arranged on the first slide rail, a second slide rail arranged on the bracket, and a second slide block movably arranged on the second slide rail, a pillow body installed between the first slide block and the second slide block, and a driving mechanism used to drive the first slide block to move in the first slide rail or drive the second slide block to move in the second slide rail. The first slide block is arranged in parallel with the second slide block. After adopting the technical scheme of the repeatedly mobile traction cervical vertebra pillow, the first slide block is driven to slide back and forth in the first slide rail, and the second slide block is driven to slide back and forth in the second slide rail by the driving mechanism, so that the pillow body moves at the cervical vertebra of the human body, and the cervical vertebra is stretched and drawn which achieves a massage and health care effect. The repeatedly mobile traction cervical vertebra pillow has the advantage of simple structure.

Inventors

LIN WEILIN

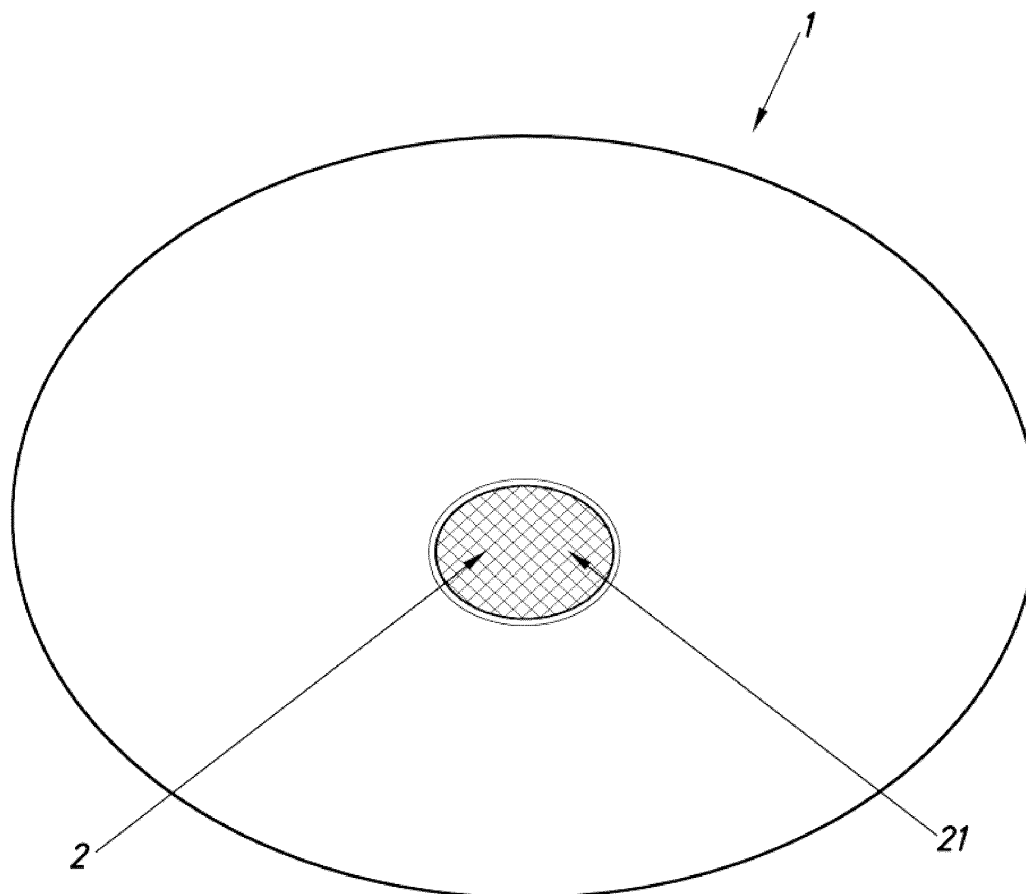
Family 11/100 - FAMPAT - ©Questel

Title

(EP3025621)

Pillow for babies and/or infants

Images



Publication data including kind & date

ES2571628	A1	2016-05-26	ES2571628				
US20160143463	A1	2016-05-26	US20160143463				
TW201618696	A	2016-06-01	TW201618696				
CN105615440	A	2016-06-01	CN105615440				
EP3025621	A1	2016-06-01	EP3025621				
KR20160062726	A	2016-06-02	KR20160062726				
ES2571628	B1	2017-03-03	ES2571628				
EP3025621	B1	2018-06-13	EP3025621				
US20180220817	A9	2018-08-09	US20180220817				
ES2681485	T3	2018-09-13	ES2681485				
CN105615440	B	2018-11-09	CN105615440B				

Abstract

(EP3025621)

Pillow for babies and/or infants, comprising a deformable core, which is not flat, in order to accommodate the form of the head of the baby or infant, the said deformable core comprising externally a three-dimensional woven layer surrounding a

barrier that is impermeable to gases and liquids in order to prevent the said gases and liquids from reaching the interior of the core.

Inventors

VERDE SANCHEZ DAVID

LAW YIN CHERN

Latest standardized assignees - inventors removed

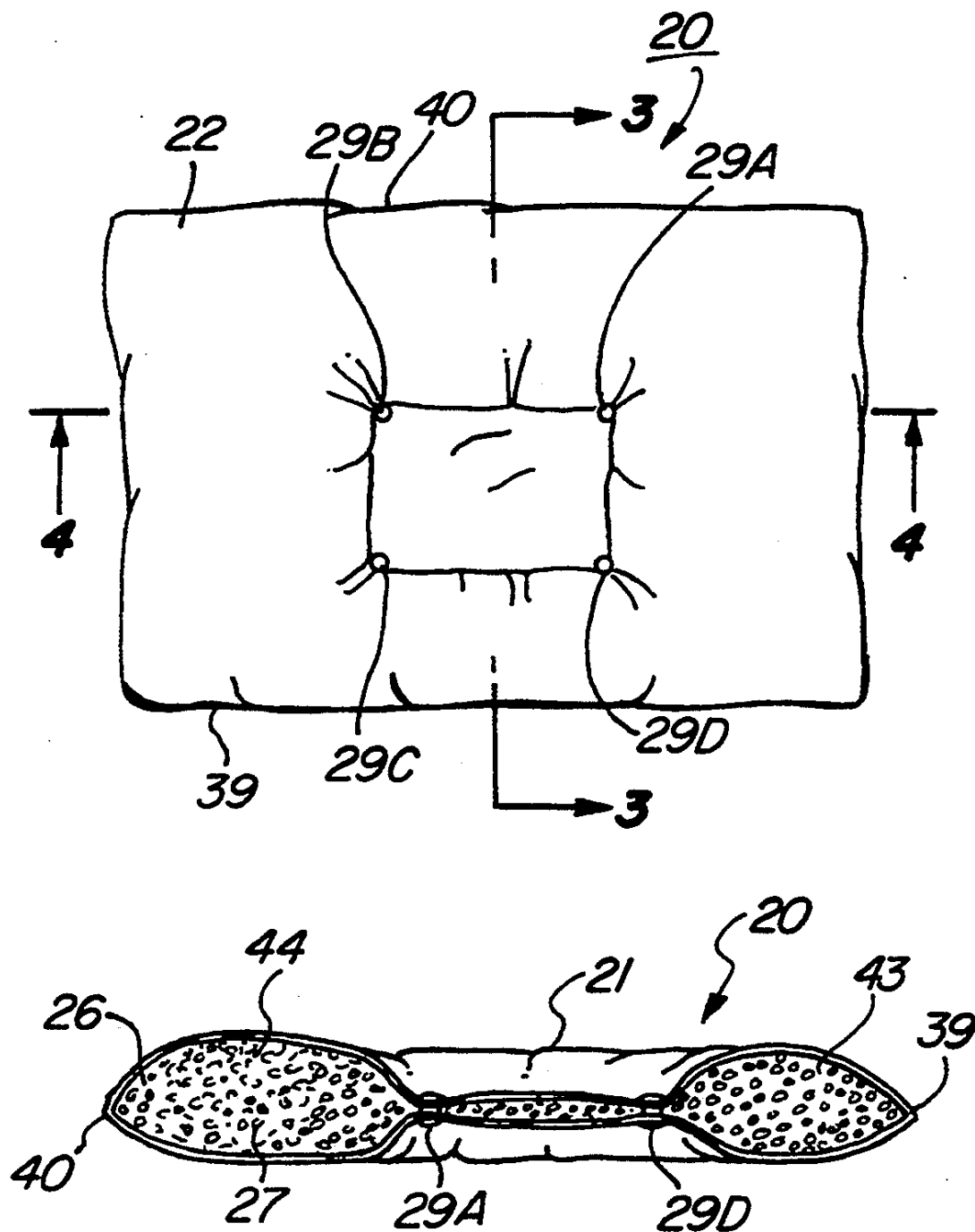
LOIN CLOTH

Family 12/100 - FAMPAT - ©Questel

Title

(US5363524)

Multi-adjustment cervical pillow

Images

Abstract

(US5363524)

A pillow adjustable to maximize comfortable support of the cervical area of the neck and head includes a cover comprising upper and lower fabric cover panels forming therebetween an interior space filled with a flowable filler material such as buckwheat hulls. Internally protruding snap fasteners in vertically aligned locations on inner facing sides of the upper and lower cover panels are fastenable and unfastenable by application of external pressing or pulling forces applied to the cover panels, thereby forming or unforming subdivisions of the interior space of the pillow into which filler material may be externally manipulated into or out of. In the preferred embodiment, a rectangular array of fasteners offset to one long side of a rectangular pillow allows narrow or wide tubular neck support sections to be formed by subdivisions within the pillow.

Inventors

LANG GARY E

Latest standardized assignees - inventors removed

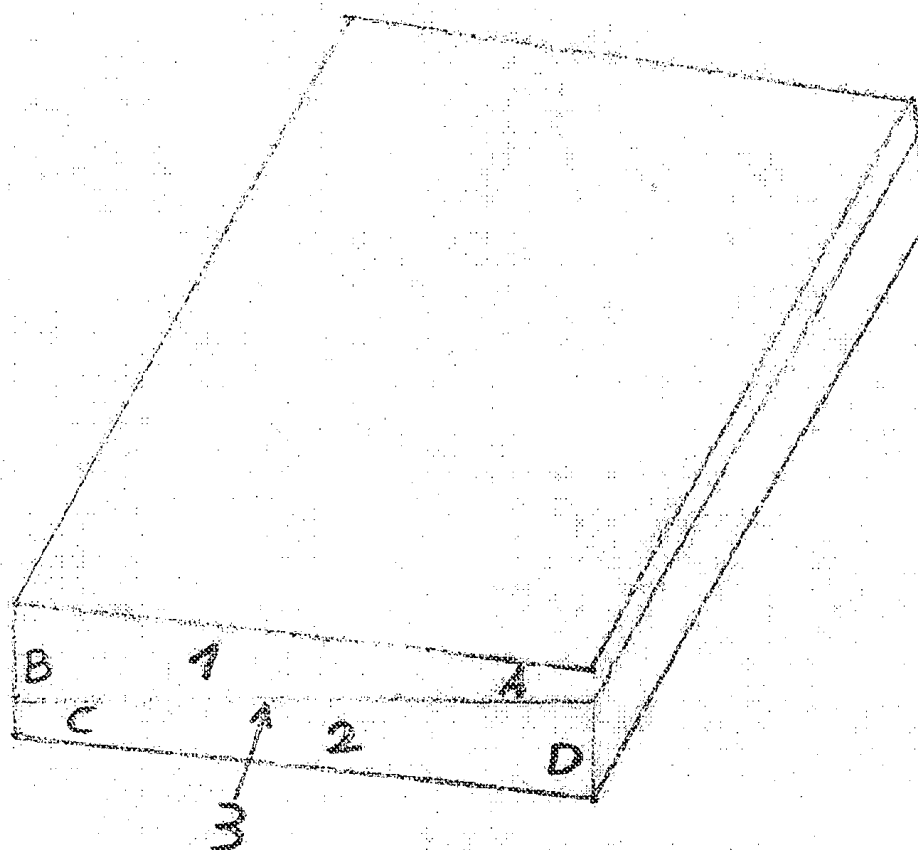
MAKURA

Family 13/100 - FAMPAT - ©Questel

Title

(EP2542124)

Novel ergonomic pillow and uses thereof in bedding

Images**Publication data including kind & date**

WO2011107863	A1	2011-09-09	WO2011107863
CA2794342	A1	2011-09-09	CA2794342
FR2956962	A1	2011-09-09	FR2956962
FR2956961	A1	2011-09-09	FR2956961
EP2542124	A1	2013-01-09	EP2542124



US20130014328	A1	2013-01-17	US20130014328				
FR2956961	B1	2013-01-18	FR2956961				
FR2956962	B1	2013-02-01	FR2956962				
CN102946765	A	2013-02-27	CN102946765				
BR112012022375	A1	2013-06-25	BR112012022375				
RU2012142195	A	2014-04-10	RU2012142195				
RU2536211	C2	2014-12-20	RU2536211				
EP2542124	B1	2015-08-26	EP2542124				
ES2553260	T3	2015-12-07	ES2553260				
CN102946765	B	2016-04-13	CN102946765B				
CA2794342	C	2016-05-24	CA2794342				
BR112012022375	A2	2018-07-10	BR112012022375				

Abstract

(EP2542124)

The invention relates to an orthopaedic pillow designed to adapt to the morphology of each individual, in particular to support the head and the neck. The invention relates to a progressive-comfort pillow comprising two flexible angular blocks (1), (2), attached in the reverse direction by the common angular surfaces (3) thereof, said two parts being made with different flexibility and firmness, the upper part of one being assembled with the lower part of the other. Four separate positions are thus obtained, each of said positions having many areas providing different support.

Inventors

REQUET FABRICE

SPORTIS FABIENNE

LAURENT OLIVIER

Latest standardized assignees - inventors removed

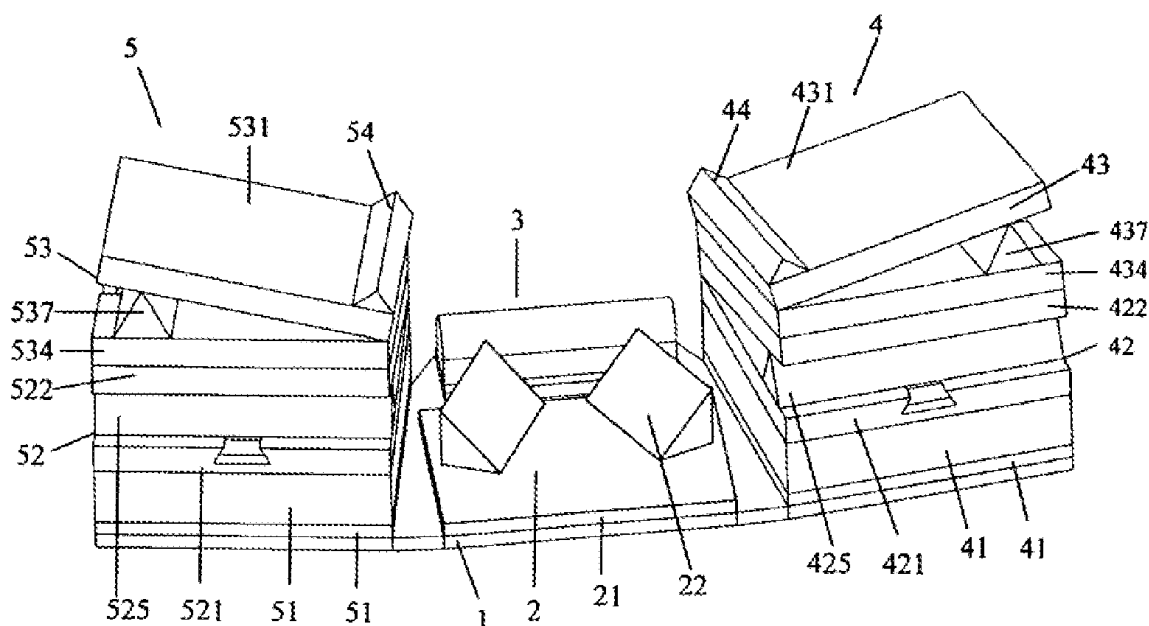
FABIANNE SPOTTIS

Family 14/100 - FAMPAT - ©Questel

Title

(WO201075782)

Universally adjustable pillow for use in healthcare and therapy

Images

CN101449902	A	2009-06-10	CN101449902				
WO2010075782	A1	2010-07-08	WO201075782				
CN101449902	B	2011-06-08	CN101449902B				
US20110271964	A1	2011-11-10	US20110271964				
CN102387731	A	2012-03-21	CN102387731				
JP2012513780	A	2012-06-21	JP2012513780				
CN102387731	B	2013-10-30	CN102387731B				
JP5548700	B2	2014-05-23	JP5548700				
US9032961	B2	2015-05-19	US9032961				

Abstract

(WO201075782)

A universally adjustable pillow for use in healthcare and/or therapy includes a base board (1), and pillows for, respectively, right lateral recumbency (4), supine recumbency (2), left lateral recumbency (5) and for the neck (3) that are arranged on said base board (1). The pillows for left and right lateral recumbency (5,4) each include an external cushion, a mechanism enabling adjustment to fit vertebral curvature (52,42), a mechanism enabling adjustment to inhibit too great an angle of lateral tilt (53,43) and height adjustment members (51,41). The longitudinal axes of the pillows for left and right lateral recumbency (5,4) are set at angles α and β to the longitudinal axis of the pillow for supine recumbency (2).

Inventors

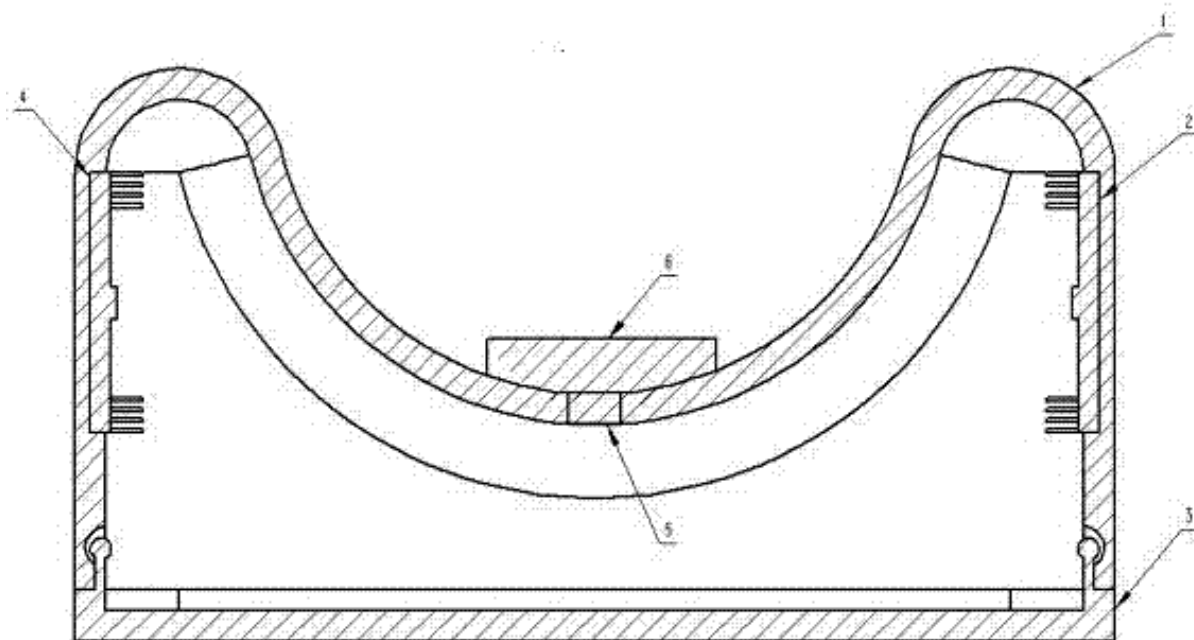
ZHANG WENBING

Family 15/100 - FAMPAT - ©Questel

Title

(CN108498227)

Intelligent thermal insulation cervical vertebra pillow powered by solar energy

Images**Publication data including kind & date**
[CN108498227](#) A 2018-09-07 CN108498227
**Abstract**

(CN108498227)

The invention relates to the technical field of health maintenance physical therapy and electronics, and discloses an intelligent thermal insulation cervical vertebra pillow which comprises an upper pillow shell, a bottom plate, a control electronic board, a temperature sensor, a heating electronic board, a solar charging device and a pillow cushion. The appearance of the pillow shell is designed according to the ergonomics. Insulation leather electric heating wires are evenly

distributed in the pillow shell. The control electronic board and the heating electronic board are fixed into the pillow shell so that the intelligent temperature adjustment can be ensured. The temperature sensor is installed on the surface of the pillow shell to collect the real-time temperature information of the pillow shell. The solar charging device provides power for the heating electronic board and the control electronic board. The bottom plate and the pillow shell can be detached so that the intelligent thermal insulation cervical vertebra pillow can be conveniently maintained. Compared with the prior art, the intelligent thermal insulation cervical vertebra pillow has the advantages that the intelligent thermal insulation is applied to the cervical vertebra pillow with a natural traction effect, the clean solar energy is adopted as the main energy, and the domestic pillow which provides the lasting proper temperature and naturally pulls and corrects the human cervical vertebra physiological curve during sleeping is provided for people suffering from cervical vertebra discomfort.

Inventors

HU XIAOBING

HUO YUNLIANG

LI YANRU

Latest standardized assignees - inventors removed

SICHUAN UNIVERSITY

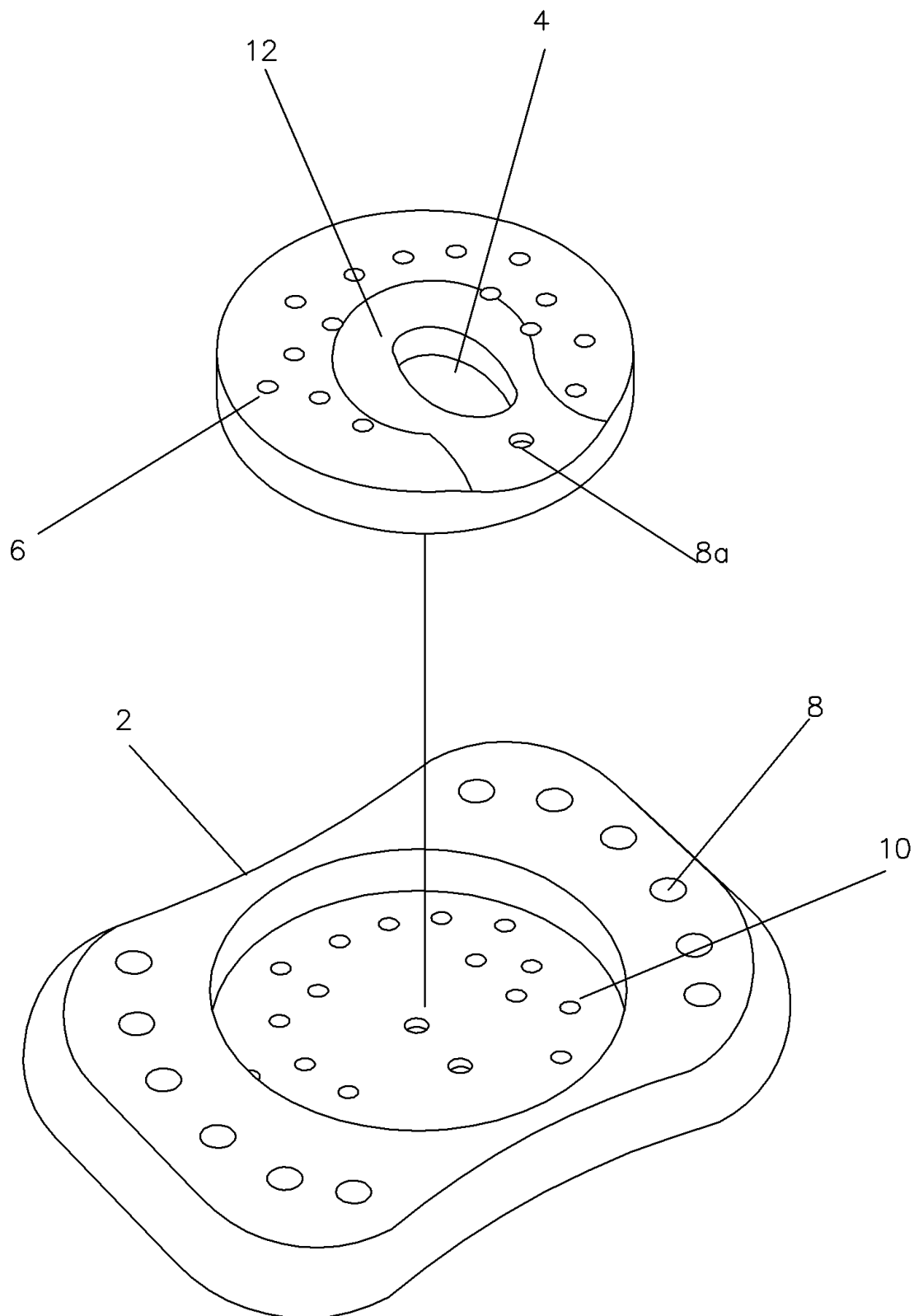
Family 16/100 - FAMPAT - ©Questel

Title

(KR101147606)

A functionality pillow

Images

**Publication data including kind & date**[KR101147606](#)

B1 2012-06-14 KR101147606

**Abstract**

(KR101147606)

PURPOSE: A suffocation prevention infant pillow is provided to facilitate the carrying thereof and to enable an infant to continuously use the pillow. **CONSTITUTION:** A suffocation prevention infant pillow comprises a cushion material(2), a hole(4), and a pillow(6). The cushion material has memory foam property and is ventilated. The hole is concavely dug in a doughnut shape and prevents the deformation of infant's skull. The pillow is separable from the cushion material and is formed into a body by being inserted in order to keep flat board form.

Inventors

YOO, CHIL SANG

Latest standardized assignees - inventors removed

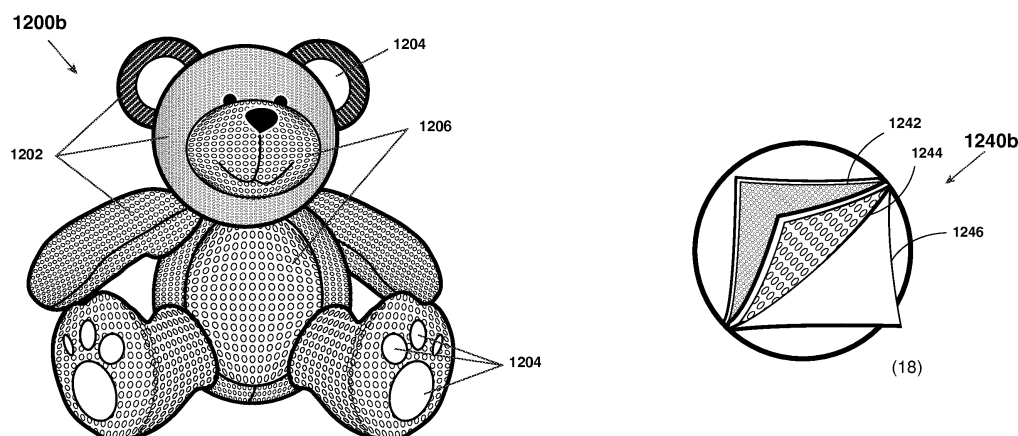
ELD

Family 17/100 - FAMPAT - ©Questel

Title

(WO201343894)

Breathable toy

Images**Publication data including kind & date**

WO2004056237	A2	2004-07-08	WO200456237
CA2703143	A1	2004-07-08	CA2703143
CA2632865	A1	2004-07-08	CA2632865
CA2633317	A1	2004-07-08	CA2633317
CA2549343	A1	2004-07-08	CA2549343
AU2003299716	A1	2004-07-14	AU2003299716
AU2003299716	A8	2004-07-14	AU2003299716
US20040154099	A1	2004-08-12	US20040154099
WO2004056237	A3	2004-12-02	WO200456237
US7055192	B2	2006-06-06	US7055192
US20060218726	A1	2006-10-05	US20060218726
CA2549343	C	2008-08-19	CA2549343
US7523513	B2	2009-04-28	US7523513
CA2633317	C	2009-05-26	CA2633317
US20100107338	A1	2010-05-06	US20100107338
CA2632865	C	2010-07-20	CA2632865
US20100257654	A1	2010-10-14	US20100257654
US20110220102	A1	2011-09-15	US20110220102
WO2011127110	A1	2011-10-13	WO2011127110
CA2795733	A1	2011-10-13	CA2795733
US20120009844	A1	2012-01-12	US20120009844
US20120005833	A1	2012-01-12	US20120005833
US20120005831	A1	2012-01-12	US20120005831
US20120005829	A1	2012-01-12	US20120005829



US8220088	B2	2012-07-17	US8220088				
US20120180786	A1	2012-07-19	US20120180786				
US20120180215	A1	2012-07-19	US20120180215				
US20120241483	A1	2012-09-27	US20120241483				
WO2013043894	A1	2013-03-28	WO201343894				
WO2013043871	A1	2013-03-28	WO201343871				
US8793813	B2	2014-08-05	US8793813				
US20140338402	A1	2014-11-20	US20140338402				
US20150335172	A1	2015-11-26	US20150335172				
US9247830	B2	2016-02-02	US9247830				
US20160095448	A1	2016-04-07	US20160095448				
US20160143464	A1	2016-05-26	US20160143464				
US20160157638	A1	2016-06-09	US20160157638				
US20160157639	A1	2016-06-09	US20160157639				
US9451835	B2	2016-09-27	US9451835				
US9642481	B2	2017-05-09	US9642481				
US9700150	B2	2017-07-11	US9700150				
US9730527	B2	2017-08-15	US9730527				
US20170238723	A1	2017-08-24	US20170238723				
US9872577	B2	2018-01-23	US9872577				
US9877604	B2	2018-01-30	US9877604				
US9993095	B2	2018-06-12	US9993095				
US10004342	B2	2018-06-26	US10004342				
US10016001	B2	2018-07-10	US10016001				
CA2795733	C	2018-08-14	CA2795733				
US10251492	B2	2019-04-09	US10251492				

Abstract

(WO201343894)

A breathable toy (300) may be made for people or animals. The toy may include a breathable mesh fabric integrated as part of a multi- layer fabric structure. The breathable mesh fabric increases air flow during rest or other activities with the breathable toy (300). The toy may include ornamental or aesthetic additions without interfering with the breathable mesh fabric. Attachments to the toys may also include the breathable mesh fabric.

Inventors

BREATHABLEBABY LLC

WATERS DALE RICHARD

WATERS SUSAN MARIE

Latest standardized assignees - inventors removed

BREATHABLEBABY

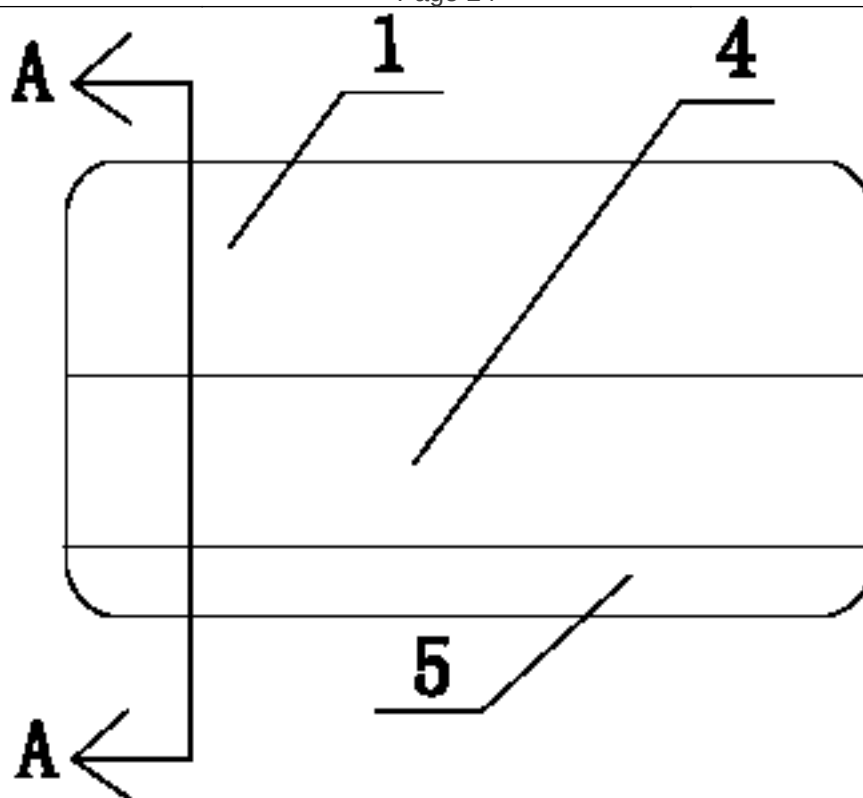
Family 18/100 - FAMPAT - ©Questel

Title

(CN203987240U)

Adjustable cervical vertebra orthopedic pillow

Images

**Publication data including kind & date**

CN203987240

U 2014-12-10 CN203987240U

**Abstract**

(CN203987240U)

An adjustable cervical vertebra orthopedic pillow belongs to the technical field of medical instruments and comprises an orthopedic pillow body, wherein the orthopedic pillow body comprises a head rest part and a neck rest part, as well as a trunk rest part; the side, connected with the trunk, of the orthopedic pillow body adopts an arc-shaped structure to form the trunk rest part; the head rest part and the neck rest part are arranged on the upper surface of the orthopedic pillow body and are adjusted in height. Through the above mode, the cervical vertebra orthopedic pillow is divided into three part, and the trunk rest part adopts the arc-shaped structure to be matched with the trunk, so that the comfort degree is improved; in addition, as inflation air bags are respectively arranged in the head rest part and the neck rest part, the height can be correspondingly adjusted according to the severity of patients with cervical spondylosis to ensure that the pillow can meet the demands of patients with cervical spondylosis in different degrees, and the use comfort is improved for the patients; the adjustable cervical vertebra orthopedic pillow is helpful to improve the sleep quality, can effectively correct the cervical vertebra curvature and is suitable for popularization.

Inventors

TENG LIJUAN

Latest standardized assignees - inventors removed

ZHEJIANG TONGJI VOCATIONAL COLLEGE OF SCIENCE & TECHNOLOGY

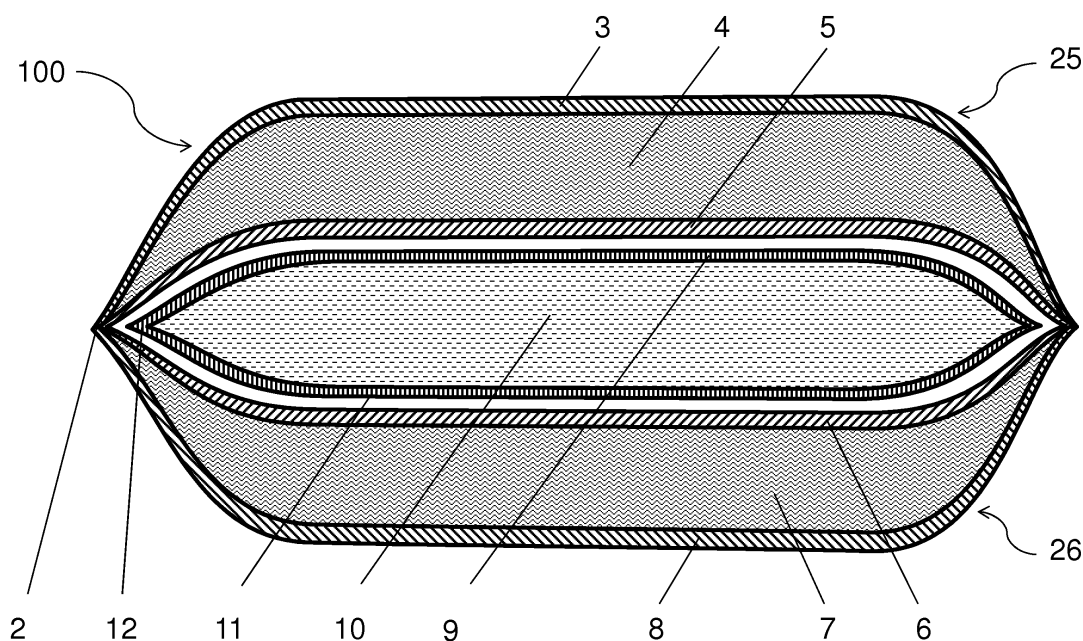
Family 19/100 - FAMPAT - ©Questel

Title

(US20140345055)

Multiply adjustable orthopedic pillow

Images

**Publication data including kind & date**[US20140345055](#)

A1 2014-11-27

US20140345055

**Abstract**

(US20140345055)

The invention provides an inexpensive orthopedic pillow comprising multiple cushion elements surrounding or associated with an inner air chamber in a composite pillow that is easily adjusted, reconfigured, broken-down, and customized such that the pillow can be conformed to suit the needs of any person in any environment wherever a pillow is necessary or desirable, whether for sitting, reclining, sleeping, or any other purpose. A covering sheath may or may not be included and an inflation control valve may regulate the volume and pressure of the inner air chamber. Each of the internal components may be adjusted and swapped for other components at any time according to user preferences or physician specifications.

Inventors

LI CONGHUA

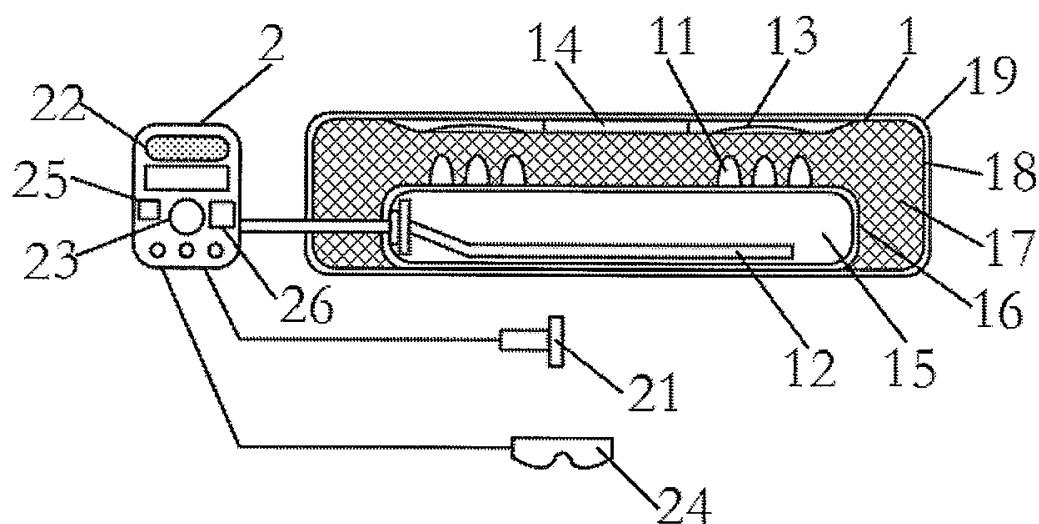
Family 20/100 - FAMPAT - ©Questel

Title

(WO201708381)

Multifunctional pillow

Images



Publication data including kind & date

CN104921535	A	2015-09-23	CN104921535
CN104921535	B	2016-08-24	CN104921535B
WO2017/008381	A1	2017-01-19	WO201708381
DE112015006695	T5	2018-05-24	DE112015006695
JP2018519951	A	2018-07-26	JP2018519951
US20190082867	A1	2019-03-21	US20190082867



Abstract

(WO201708381)

A multifunctional pillow, which is related to the field of medical healthcare, comprising: a cervical curve standard pillow (1), a control board (2), a magnetic therapy massage bar (11), a heating strip (12), an intermediate-frequency electrotherapy bar (13), an ultrasound therapy head (21), a negative ion generator (22), a music player (23), a health and sleep-aiding mask (24), and a microcontroller (25). The magnetic therapy massage bar (11), the heating strip (12), the intermediate-frequency electrotherapy bar (13) are arranged within the cervical curve standard pillow (1). The negative ion generator (22), the music player (23), and the microcontroller (25) are arranged on the control board (2). The multifunctional pillow relies on a cervical curve standard, effectively restores a distended cervical spine, and allows people to fall asleep as quickly as possible, to relax the head, and to restore physical strength in a quality sleep environment.

Inventors

HUANG YONG

XIE MUSEN

ZHANG SHUANGXI

Latest standardized assignees - inventors removed

CHENGDU SIFU HYDRAULIC EQUIPMENT

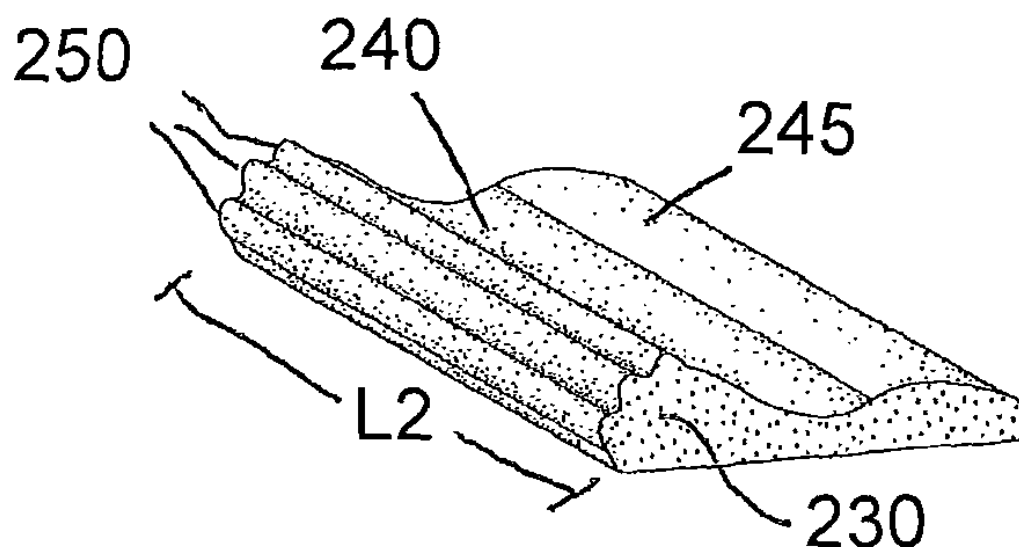
Family 21/100 - FAMPAT - ©Questel

Title

(EP2840938)

Therapeutic pillow

Images



Publication data including kind & date

CA2871905	A1	2013-10-31	CA2871905
WO2013163507	A1	2013-10-31	WO2013163507
US20130283534	A1	2013-10-31	US20130283534
AU2013251470	A1	2014-11-20	AU2013251470
US20150047646	A1	2015-02-19	US20150047646
EP2840938	A1	2015-03-04	EP2840938
KR20150023309	A	2015-03-05	KR20150023309
JP2015514556	A	2015-05-21	JP2015514556
EP2840938	A4	2015-12-02	EP2840938
NZ701477	A	2016-10-28	NZ-701477
AU2013251470	B2	2017-08-03	AU2013251470
US9757303	B2	2017-09-12	US9757303
EP2840938	B1	2017-09-20	EP2840938
US20170326017	A1	2017-11-16	US20170326017
JP6335162	B2	2018-05-30	JP6335162
US10213355	B2	2019-02-26	US10213355



Abstract

(EP2840938)

According to one embodiment of the present invention, a pillow for use in a supine sleeping position is formed of a foam body that has a top surface, an opposing bottom surface, a rear edge and an opposing front edge and lateral sides. The foam body is defined by a first region that includes the front edge, a second region adjacent the first region and a third region adjacent the second region and defining the rear edge. The first region has a convex shape, the second region has a concave shape and the third region has a convex shape. The first region having a first section that extends to the front edge and has a positive slope (convex increasing) and an adjacent second section that has a negative slope (convex decreasing). The pillow also includes a plurality of ribs located exclusively within the first section of the first region.

Inventors

MARINKOVIC JOHN

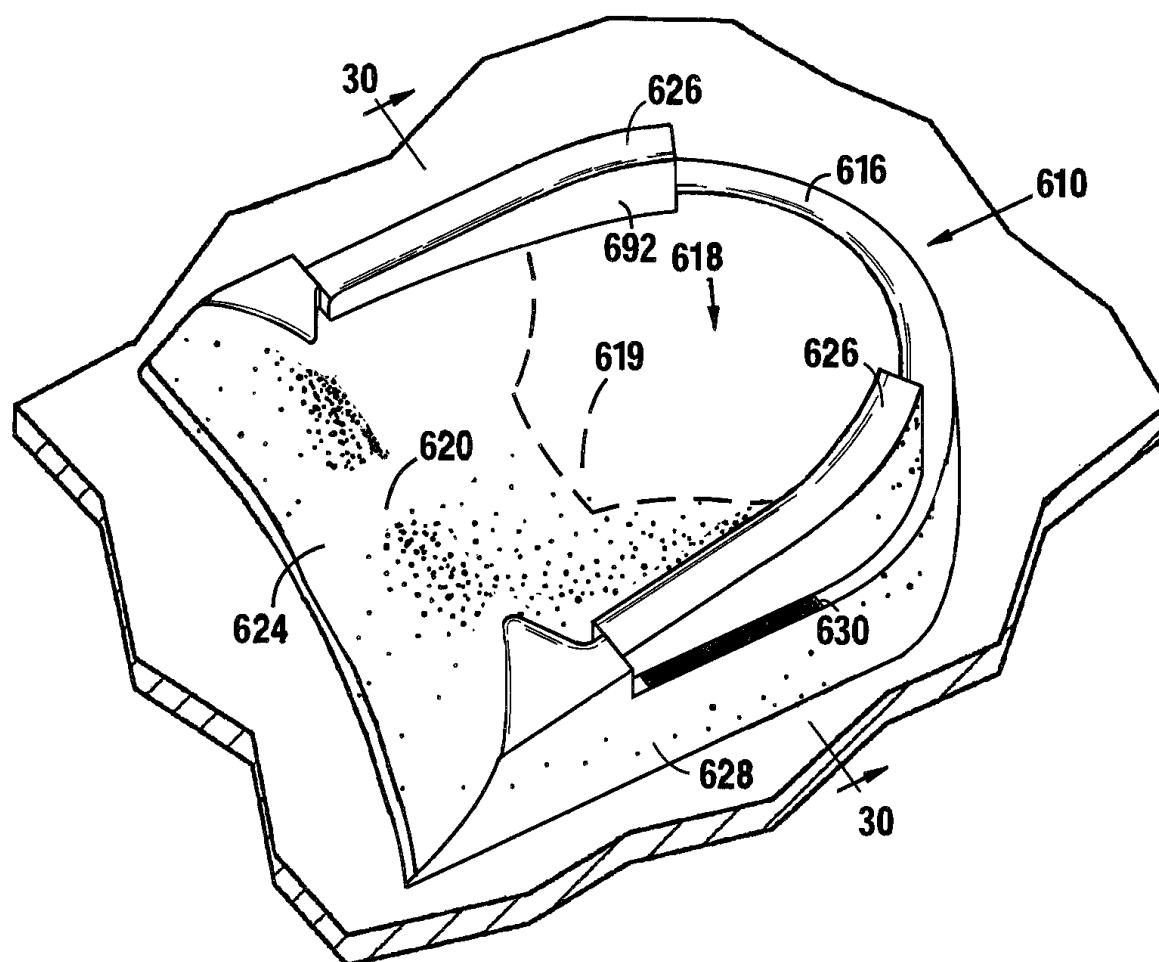
Family 22/100 - FAMPAT - ©Questel

Title

(EP2242461)

Lateral support craniocervical orthosis and method

Images



Publication data including kind & date

WO2010096727	A1	2010-08-26	WO201096727
CA2752252	A1	2010-08-26	CA2752252
EP2242461	A1	2010-10-27	EP2242461
US20110108040	A1	2011-05-12	US20110108040
CN102316829	A	2012-01-11	CN102316829
US20130138026	A1	2013-05-30	US20130138026
US8590536	B2	2013-11-26	US8590536
EP2242461	A4	2013-12-25	EP2242461
CA2752252	C	2014-12-16	CA2752252
CN102316829	B	2015-03-25	CN102316829B



Abstract

(EP2242461)

A device and method for preventing and correcting abnormal shaping of an infant's cranium by applying external forces over time with the growth of an infant to achieve normal shaping of the infant's head. The device is a cranial orthosis having a depression with a contact surface in the shape of at least a portion of a normal infantile cranium. The orthosis further provides lateral support surfaces creating points of contact to restrict rotation of the infant's cranium and provide additional external forces for normal shaping of the infant's cranium. Because the present invention is non-conforming to the shape of an abnormal skull, the exerted forces cause accelerated expansion of the skull in less prominent areas coincident with brain and skull growth.

Inventors

TULLOUS MICAM W

Family 23/100 - FAMPAT - ©Questel

Title

(GB2407031)

Pillow system

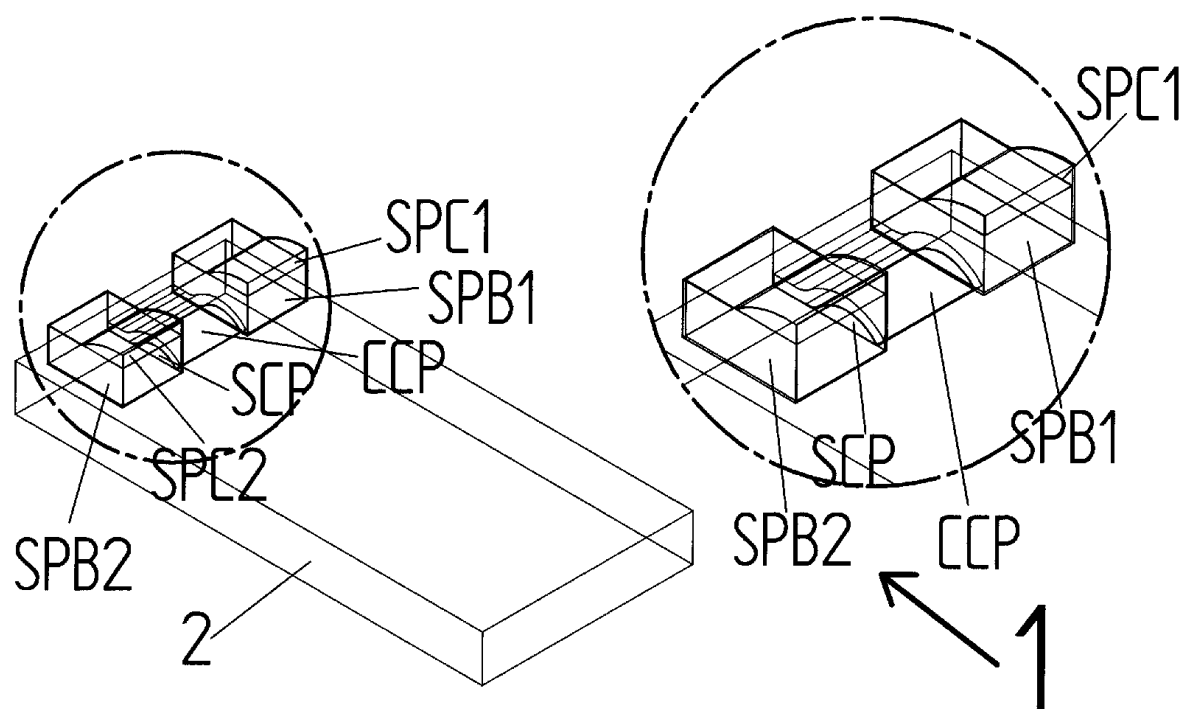
Images

FIGURE 2

Publication data including kind & date

GB0324365	D0	2003-11-19	GB200324365
GB2407031	A	2005-04-20	GB2407031
GB2407031	B	2006-07-26	GB2407031

**Abstract**

(GB2407031)

An orthopaedic pillow system comprising at least 3 main pillows shaped to fit the contours of the neck and head of a user is used in conjunction with height-adjusting, supplementary pillows. The pillows are secured together and are in specially shaped outer covers. A measuring device is also disclosed for measuring the human body to select the most suitable combination of pillows for a particular user. A separator cushion which is placed between the legs and a cushion for sitting on when cross-legged are also disclosed.

Inventors

PATEL INDIRA

Family 24/100 - FAMPAT - ©Questel

Title

(WO200180690)

Contourable inflatable orthopedic pillow

Images

Figure 1

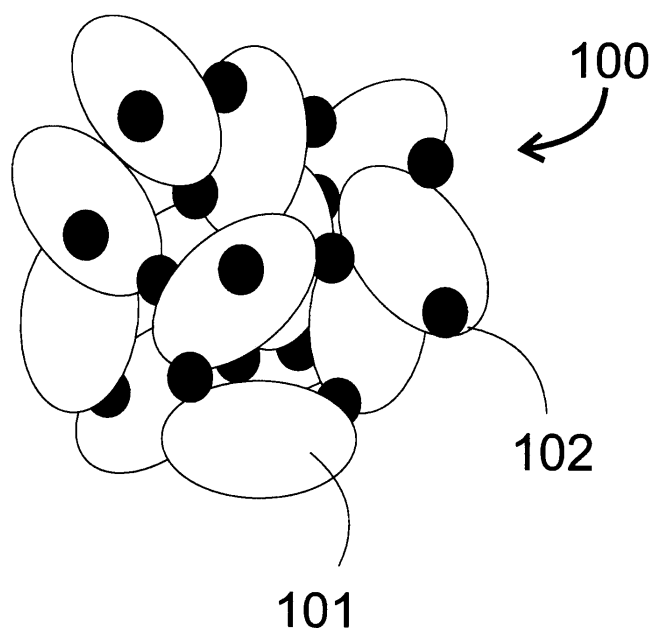
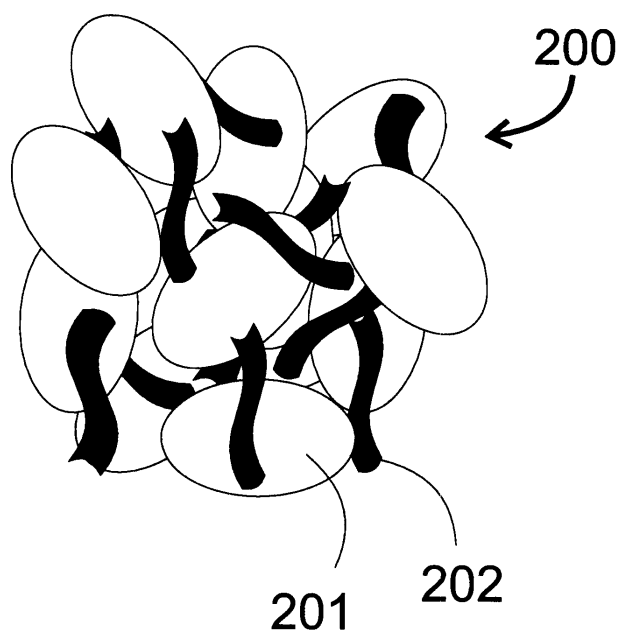


Figure 2

**Publication data including kind & date**

WO200180690	A1	2001-11-01	WO200180690
AU5568301	A	2001-11-07	AU200155683
US20010042271	A1	2001-11-22	US20010042271
US20020078507	A1	2002-06-27	US20020078507
US6498198	B2	2002-12-24	US6498198

**Abstract**

(WO200180690)

A pillow (100) that includes an inflatable bladder (3) surrounded by a resilient layer (1). The bladder (3) may be inflated to various levels to achieve a desired level of orthopedic support. In some embodiments of the invention, the pillow may include an outer comfort layer (91) of softer material than the firm inner core (81). Optionally, an integral hand pump may be included on the pillow (100) for inflation purposes.

Inventors

PEARCE TONY M

Latest standardized assignees - inventors removed

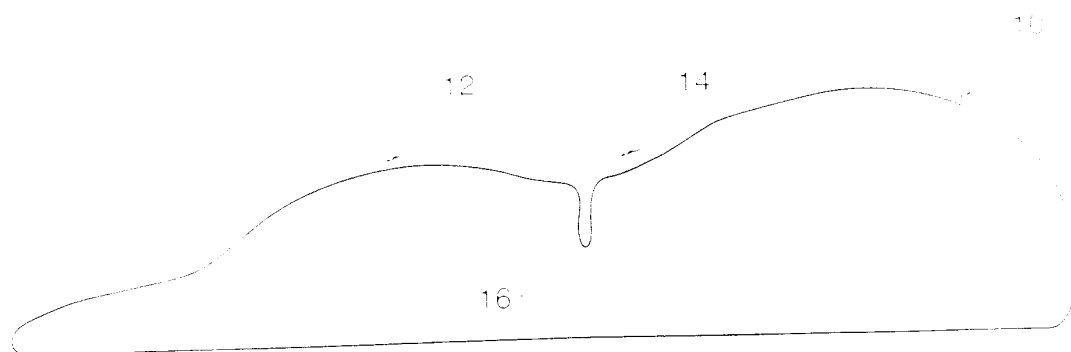
EDIZONE

Family 25/100 - FAMPAT - ©Questel

Title

(EP1021115)

Pillow for cervical comfort

Images**Publication data including kind & date**

FR2765464	A1	1999-01-08	FR2765464
WO9902077	A1	1999-01-21	WO9902077
FR2765464	B1	1999-09-17	FR2765464
EP1021115	A1	2000-07-26	EP1021115
EP1021115	B1	2002-04-10	EP1021115
AT215792	T	2002-04-15	ATE215792
DE69804831	D1	2002-05-16	DE69804831
DE69804831	T2	2002-11-07	DE69804831

**Abstract**

(EP1021115)

The invention concerns a pillow comprising two portions in the shape of two humps separated by a hollow portion (14), wherein the first portion (10) upstream forms a hump designed to serve as support for the user's head and is higher than the second portion (12) in the shape of a hump designed to serve as support for the seventh cervical vertebra. At least the first portion in the shape of a hump is made up of an elastic foam with slow recovery of its shape after compression of at least 5 % longer than 1 second and a resistance to indentation according to the NFT 56-111 standard between 1.5 Kpa and 3.5 Kpa. Furthermore, the hollow portion (14) is provided with a slit extending between the two side edges and designed to prevent the lateral tension on the hump-shaped portions (10, 12) support zones.

Inventors

DERVIEUX DOMINIQUE

Latest standardized assignees - inventors removed

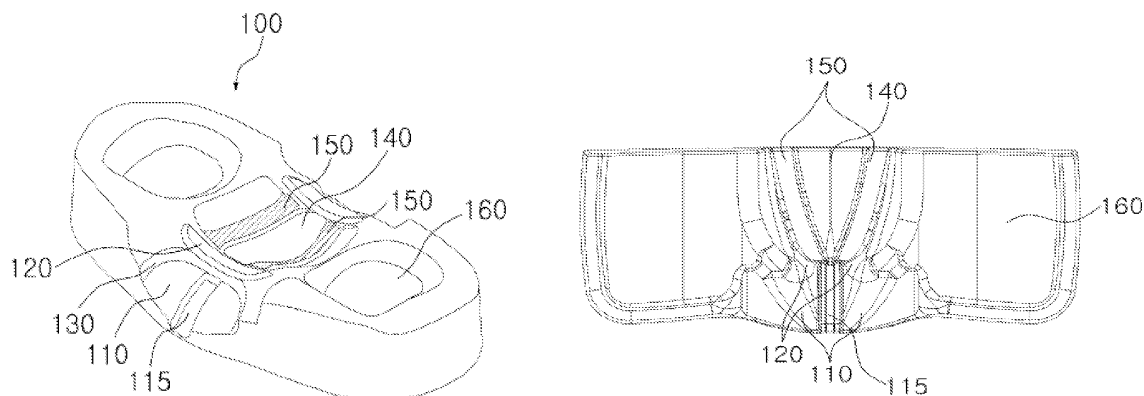
ASKLE S A

Family 26/100 - FAMPAT - ©Questel

Title

(WO201196663)

Fixed pillow for deep sleep

Images**Publication data including kind & date**

WO2011096663	A2	2011-08-11	WO201196663
KR20110007957	U	2011-08-11	KR20110007957U
WO2011096663	A3	2012-01-12	WO201196663
WO2011096663	A9	2012-03-01	WO201196663
KR200460780	Y1	2012-06-11	KR200460780U
JP3181658	U	2013-02-21	JP3181658U
US20130047339	A1	2013-02-28	US20130047339
CN202843099	U	2013-04-03	CN202843099U
US8566985	B2	2013-10-29	US8566985
JP2014111156	A	2014-06-19	JP2014111156
JP5841179	B2	2015-11-20	JP5841179

**Abstract**

(WO201196663)

The present invention relates to a fixed pillow for deep sleep, and more specifically, to a fixed pillow comprising: a body which is horizontally put on the bottom; a cervical spine support which is formed with grooves made in the width and length direction in the central part on a front side of the body in order to support the occipital in an inclined manner, and is caved to accommodate the occipital which is the back head; an occipital base and an upper cervical spine support, wherein tight line-type protruded grooves are formed in a length direction in order to settle the neck of the user on the inner end in a width direction of the body in the cervical spine support; a back head settlement unit which is heavily dented on the central surface of the width and length structure of the body in the occipital base and the upper cervical spine support; and a head-side settlement unit which is formed with accommodation grooves dented to be symmetrical to the length direction of the body in the back head settlement unit, and is configured to support the side of the user's head including the user's ear when the user sleeps on the side of the head.

Inventors

KIM HEE SU

Latest standardized assignees - inventors removed

T & I

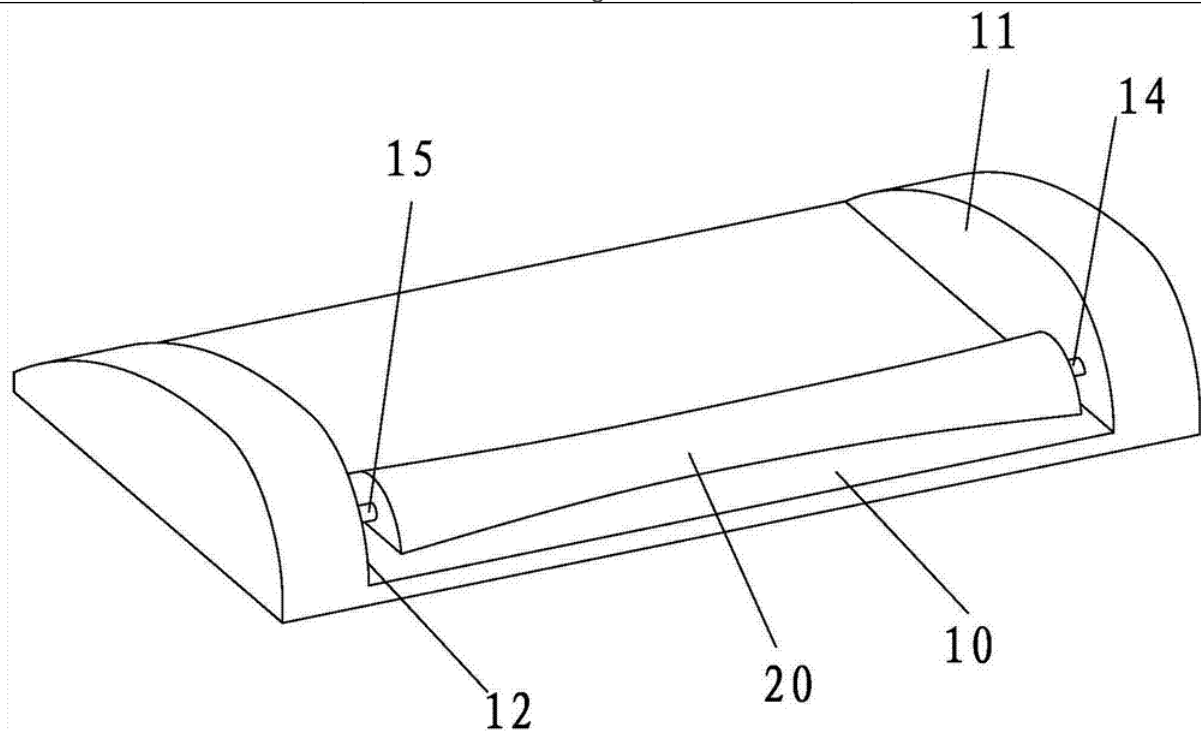
Family 27/100 - FAMPAT - ©Questel

Title

(CN108938328)

Swing traction cervical vertebra pillow

Images

**Publication data including kind & date**[CN108938328](#)

A 2018-12-07 CN108938328

**Abstract**

(CN108938328)

The invention relates to a swing traction cervical vertebra pillow. The swing traction cervical vertebra pillow comprises a bottom plate, a first vertical plate, a second vertical plate, a pillow body and a driving mechanism, wherein the first vertical plate and the second vertical plate are arranged on the bottom plate, the pillow body is rotatably installed between the first vertical plate and the second vertical plate, and the driving mechanism is used for driving the pillow body to rotate; one end of the pillow body and the first vertical plate are hinged, the other end of the pillow body and the second vertical plate are hinged, and a rotating space used for the pillow body to move is formed between the pillow body and the bottom plate. By the adoption of the technical scheme, the driving mechanism of the swing traction cervical vertebra pillow drives the pillow body to rotate so that the pillow body can rotate repeatedly clockwise and anti-clockwise; through the pillow body, traction and massaging are performed on the cervical vertebra; the driving mechanism is arranged outside the pillow body and is convenient to install; the swing traction cervical vertebra pillow has the advantages of being simple in structure and good in massage effect.

Inventors

LIN WEILIN

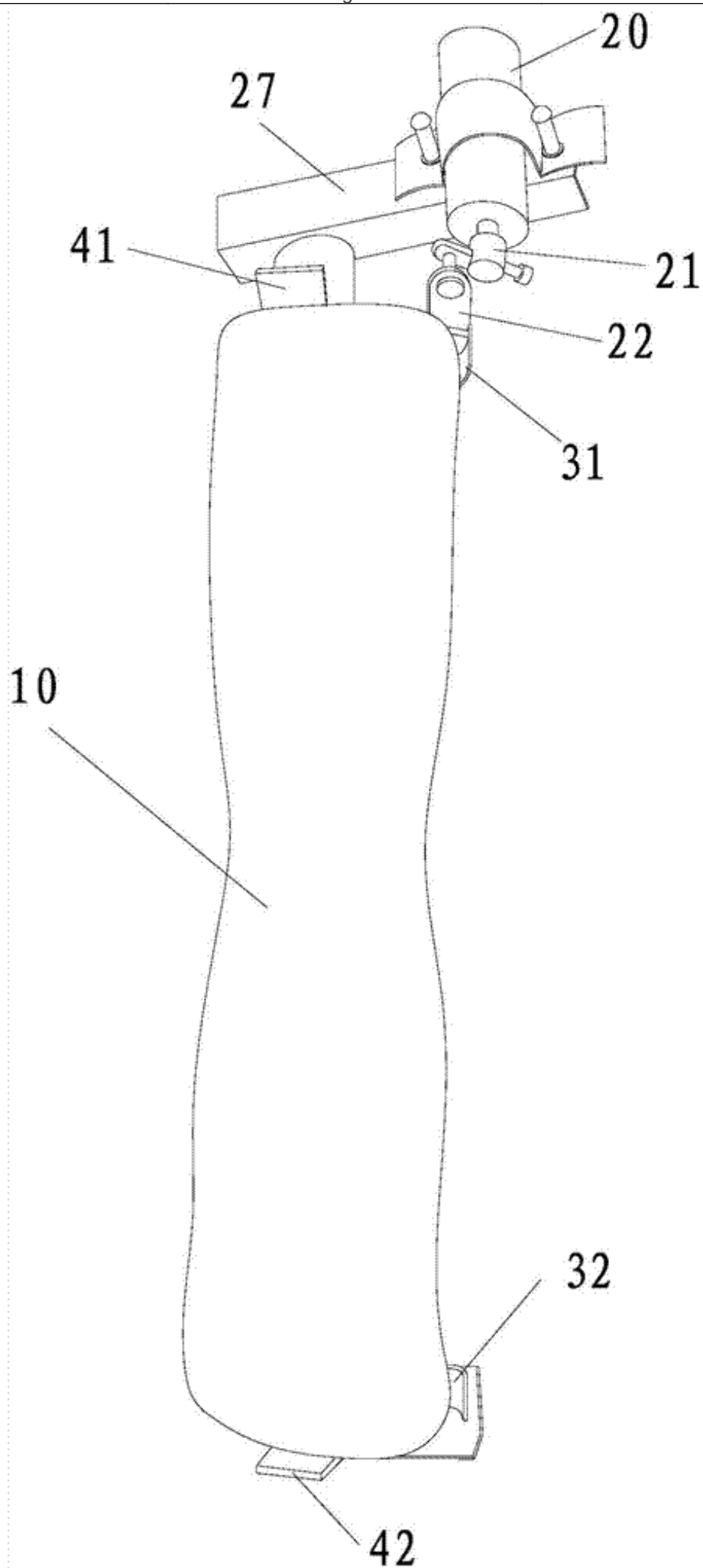
Family 28/100 - FAMPAT - ©Questel

Title

(CN108567276)

Swing type cervical vertebra pillow

Images



Publication data including kind & date[CN108567276](#)

A

2018-09-25

CN108567276

**Abstract**

(CN108567276)

The invention relates to a swing type cervical vertebra pillow, which comprises a supporting mechanism and a supporting and hanging frame used for placing a pillow body, wherein the supporting and hanging frame is suspended on the supporting mechanism in a swinging way. The swing type cervical vertebra pillow also comprises a driving mechanism used for driving the supporting and hanging frame to swing. After the technical scheme of the invention is adopted, the driving mechanism is used for driving the supporting and hanging frame to swing, the supporting and hanging frame swings in a way similar to swinging on the supporting mechanism, the supporting and hanging frame is used for driving the pillow body to swing, and the pillow body swings to tract and massage cervical vertebra. The swingtype cervical vertebra pillow has the advantages of simple structure and good massaging effect, and the cervical vertebra can be quickly corrected and repaired.

Inventors

LIN WEILIN

Family 29/100 - FAMPAT - ©Questel

Title

(CN107510531)

Seat-type rehabilitation treatment machine for cervical spondylosis of all types

Images

FANG XIAOLIN

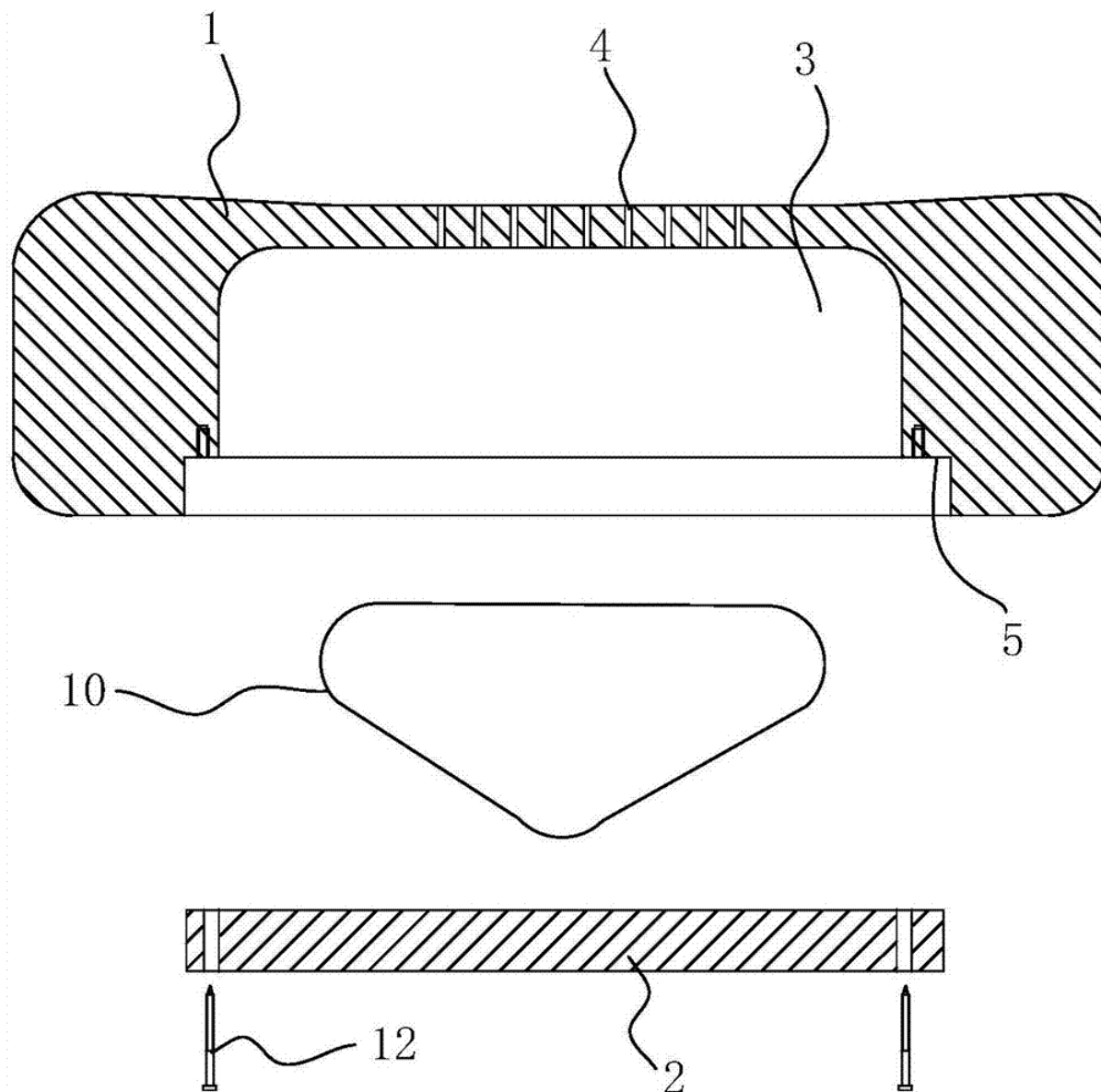
ZHU HUA

Family 30/100 - FAMPAT - ©Questel

Title

(CN107348770)

Wooden health-care pillow for cervical vertebrae

Images**Publication data including kind & date**[CN107348770](#)

A

2017-11-17

CN107348770

**Abstract**

(CN107348770)

The invention particularly relates to daily supplies, in particular to a health-care pillow. According to the purposes, the wooden health-care pillow for cervical vertebrae has a correction effect on cervical diseases, and traditional Chinese medicines are easy to replace. According to the technical scheme, the wooden health-care pillow for the cervical vertebrae comprises a pillow body in a pillow shape, the pillow body is made of wood, a recessed cavity is formed in the back side of the pillow body, the recessed cavity can be sealed by a cover plate which can be opened, and the recessed cavity is big enough to contain a bag filled with the traditional Chinese medicines. Small holes communicated with the recessed cavity are uniformly formed in the front side of the pillow body, the thickness of the pillow body is 7-9 cm, the front side of the pillow body has radian extending from the top of the head of a user to the neck, and the radian is consistent with the

physiological curvature of the cervical vertebrae of the normal human body. The health-care pillow accords with the human engineering principle, the cervical diseases can be effectively prevented, and the health-care pillow is suitable for the early conservative treatment of various cervical diseases, and meanwhile, the traditional Chinese medicines are easy to replace.

Inventors

FU TIEHAN

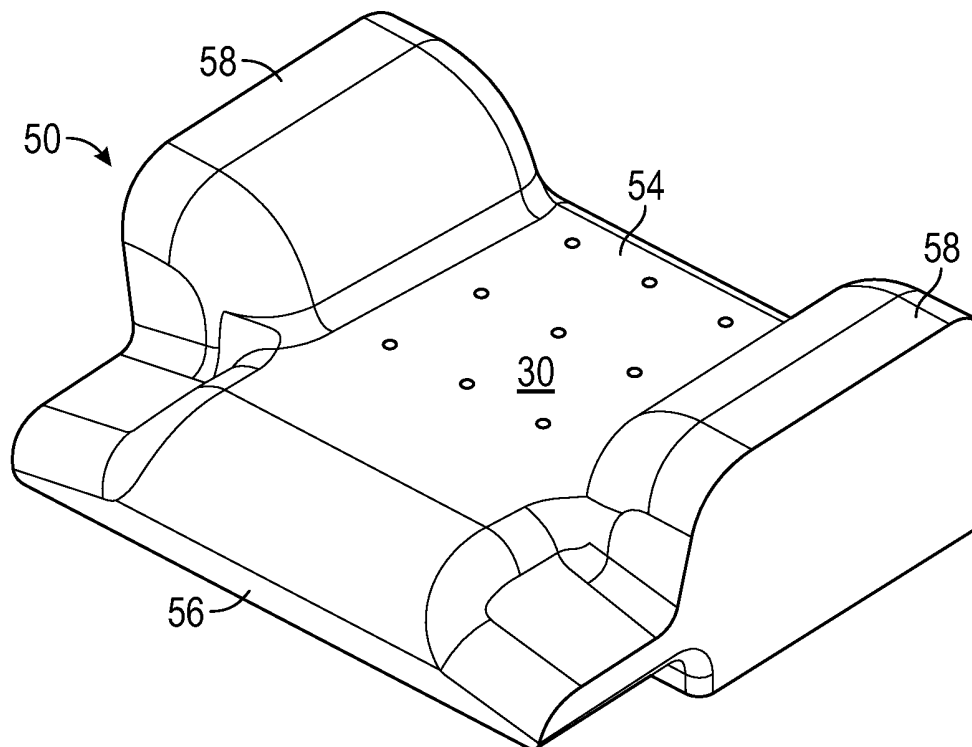
FU JUNCAI

Family 31/100 - FAMPAT - ©Questel

Title

(US20170013978)

Orthopedic Pillows for Supine Sleepers

Images**Publication data including kind & date**[US20170013978](#)

A1 2017-01-19

US20170013978

**Abstract**

(US20170013978)

Embodiments of an orthopedic pillow are provided for supporting the head of a sleeper in a supine position. In one embodiment, the orthopedic pillow includes a base having a centerline, a primary head support surface provided on the base, and laterally-opposed side rails extending upwardly from the base and flanking the primary head support surface. The laterally-opposed side rails include, in turn, interior portions and reinforcement portions. The interior portions are located adjacent the primary head support surface and each formed from a first material having a first stiffness, such as a molded foam having a first density. The reinforcement portions are located outboard of the interior portions, as taken along a lateral axis perpendicular to the centerline. The reinforcement portions formed from a second material having a second stiffness greater than the first stiffness, such as a molded foam having a second density greater than the density.

Inventors

ROSENBERG MAXWELL PENDELTON

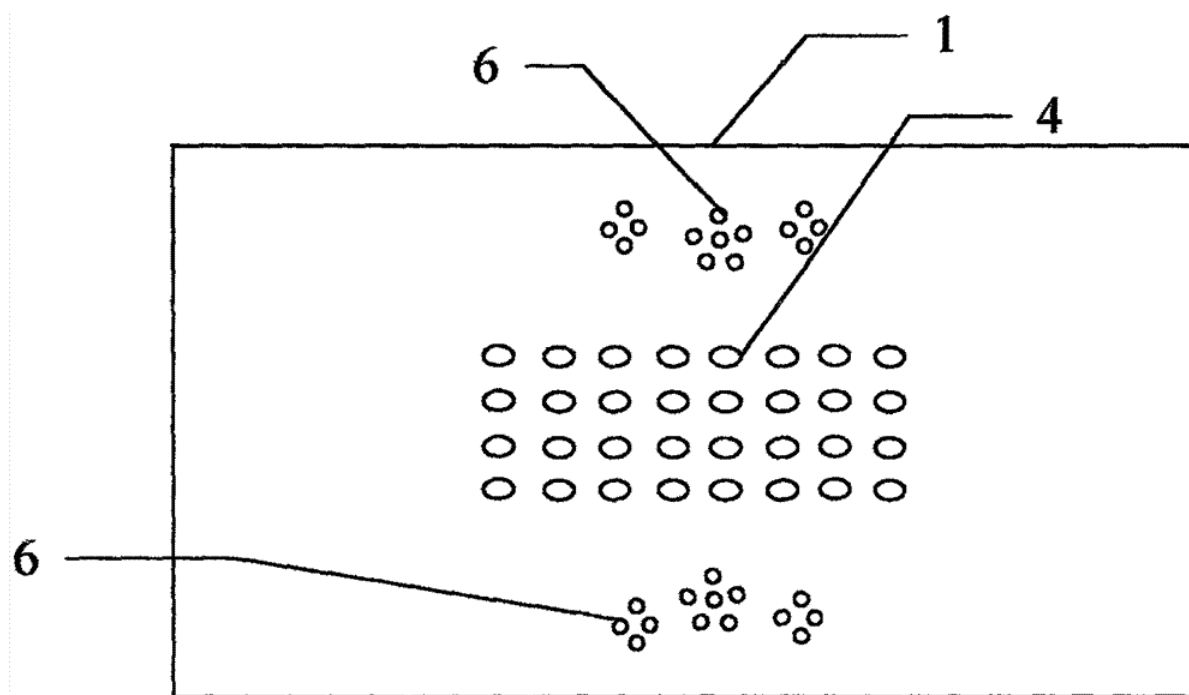
LEACH JUSTIN JAMES

Family 32/100 - FAMPAT - ©Questel

Title

(CN108209388)

Multifunctional healthcare pillow

Images**Publication data including kind & date**[CN108209388](#)

A 2018-06-29 CN108209388

**Abstract**

(CN108209388)

The invention discloses a multifunctional healthcare pillow. The multifunctional healthcare pillow comprises a pillow body, wherein the pillow body is sewed by cotton cloth and is provided with a front side and a reverse side, a cavity of the pillow body is divided into an upper layer and a lower layer by the cotton cloth, the cavity of the upper layer is filled with feather filament cotton with ascertain thickness, and the cavity of the lower layer is filled with mixture of buckwheat husk and pericarpium citri reticulatae. Multiple mountain peach kernels are quilted in the middle of the frontside of the pillow body, first medicine bags are quilted in the middle of the reverse side of the pillow body, and multiple magnets are further attached to the upper portions and the lower portions of the mountain peach kernels and the upper portions and the lower portions of the first medicine bags. The multifunctional healthcare pillow is a front-reverse-side two-purpose pillow, both the reverse side and the reverse side can solve the problem of the cervical vertebra, and the multifunctional healthcare pillow has the massaging function and the healthcare functions like soothing the nerves and improving the head blood circulation.

Inventors

WANG HONGQUAN

Latest standardized assignees - inventors removed

PUCHENG YIDAOSHEN HEALTH CARE PRODUCTS

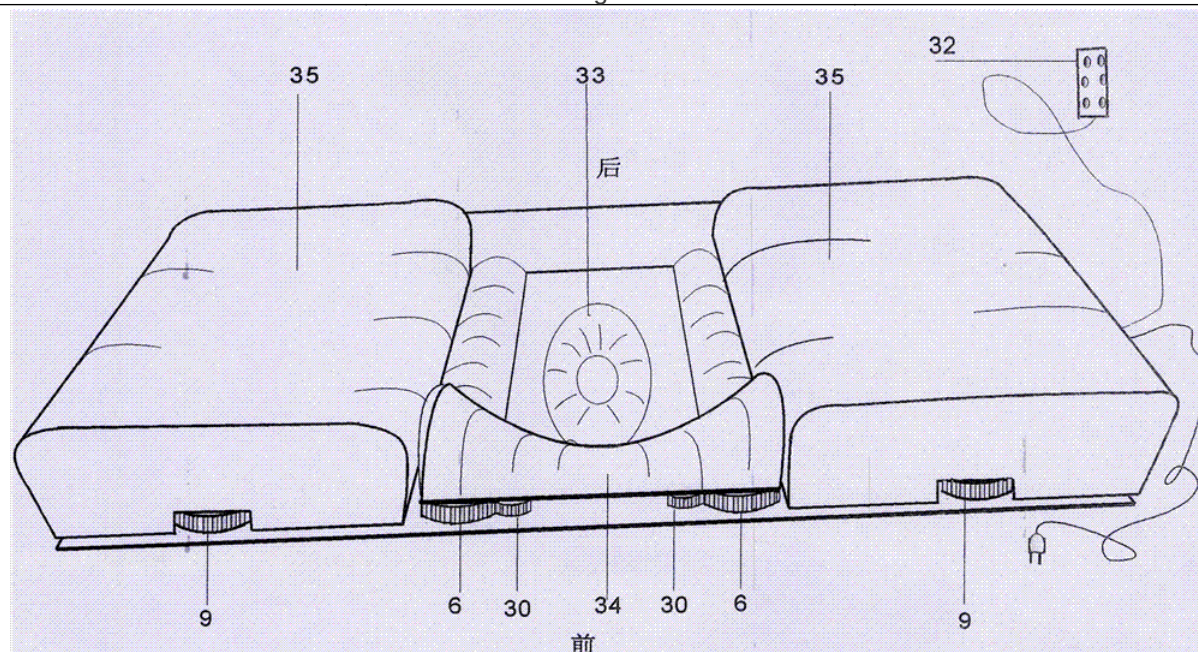
Family 33/100 - FAMPAT - ©Questel

Title

(CN106820833)

Adjustable multifunctional cervical vertebra health care pillow

Images



Publication data including kind & date

CN106820833	A	2017-06-13	CN106820833
CN106820833	B	2018-07-24	CN106820833B



Abstract

(CN106820833B)

The invention relates to the technical field of sanitation health care, in particular to an adjustable multifunctional cervical vertebra health care pillow which comprises a hard supporting frame, a lifting adjustment component, a vibratory massage component, a biological magnetic therapy component, a traditional Chinese medicine component, a soft filling liner, a leather fabric flat-seam shaping object and a velvet pillow coat. The hard supporting frame comprises a cervical occipital beam, a left temporo-occipital rack, a right temporo-occipital rack, a pillow bottom plate and a connecting shaft, the lifting adjustment component comprises a cervical occipital beam lifting column, a cervical occipital beam lifting wheel, a cervical occipital beam wheel bi-direction driving motor, a temporo-occipital rack lifting column, a temporo-occipital rack lifting wheel and a temporo-occipital rack lifting wheel bi-direction driving motor, the vibratory massage component is provided with a micro-vibratory massage motor, the biological magnetic therapy component is provided with a permanent magnet, the traditional Chinese medicine component is provided with a channel promoting and collateral activating traditional Chinese medicine box, the front middle cervical occipital beam, the left temporo-occipital rack, the right temporo-occipital rack and the pillow bottom plate are connected into a rotatable overall supporting structure through the connecting shaft, so that heights can be respectively adjusted when the lifting wheels rotate, and the pillow is applicable to cervical spondylosis patients with different heights.

Inventors

LIANG HEPING

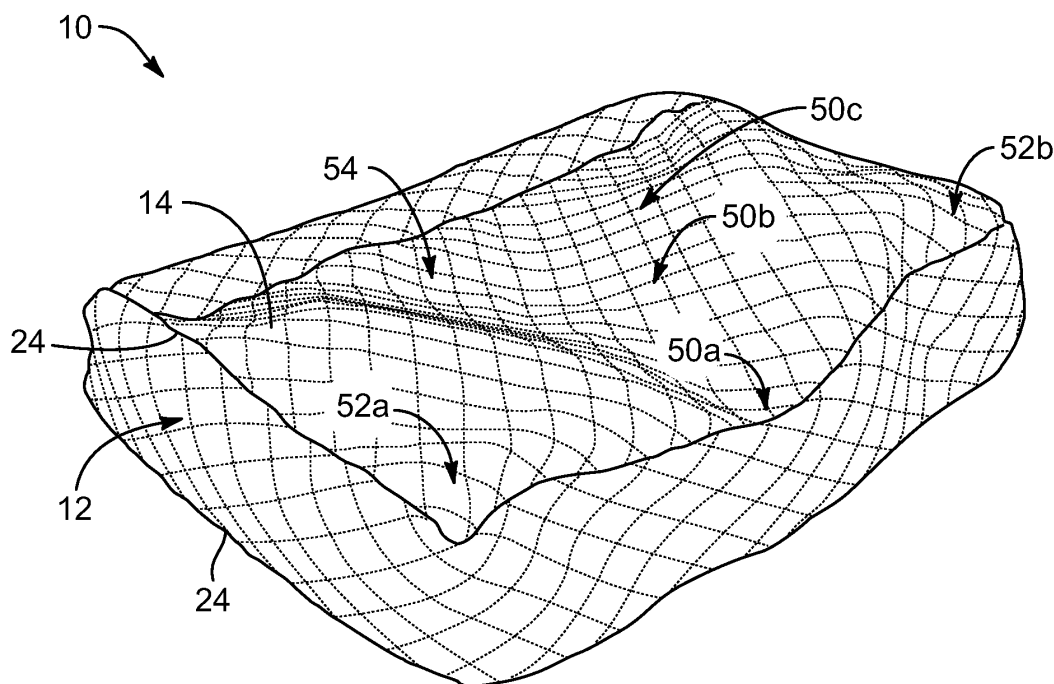
Family 34/100 - FAMPAT - ©Questel

Title

(US20180078061)

Cpap pillow apparatus and method

Images

**Publication data including kind & date**

US20100200001	A1	2010-08-12	US20100200001
US20180028352	A1	2018-02-01	US20180028352
US20180078061	A1	2018-03-22	US20180078061

**Abstract**

(US20180078061)

A CPAP pillow relies on a shell shaped to provide large reservoirs of fill particles near or against the shoulders of a user and around and under the neck. The system and method uncouple the spring forces supporting a user from the forces used to configure the shape of the pillow in use. Thus, a user can fit the pillow to the body profile in three dimensions with substantially no residual pre-loading to cause discomfort, pressure points, or unsupported regions. The pillow supports, contacts, and cradles the head and neck. It accommodates shoulder intrusion without moving the pillow away from supporting the neck.

Inventors

RANDALL BRET

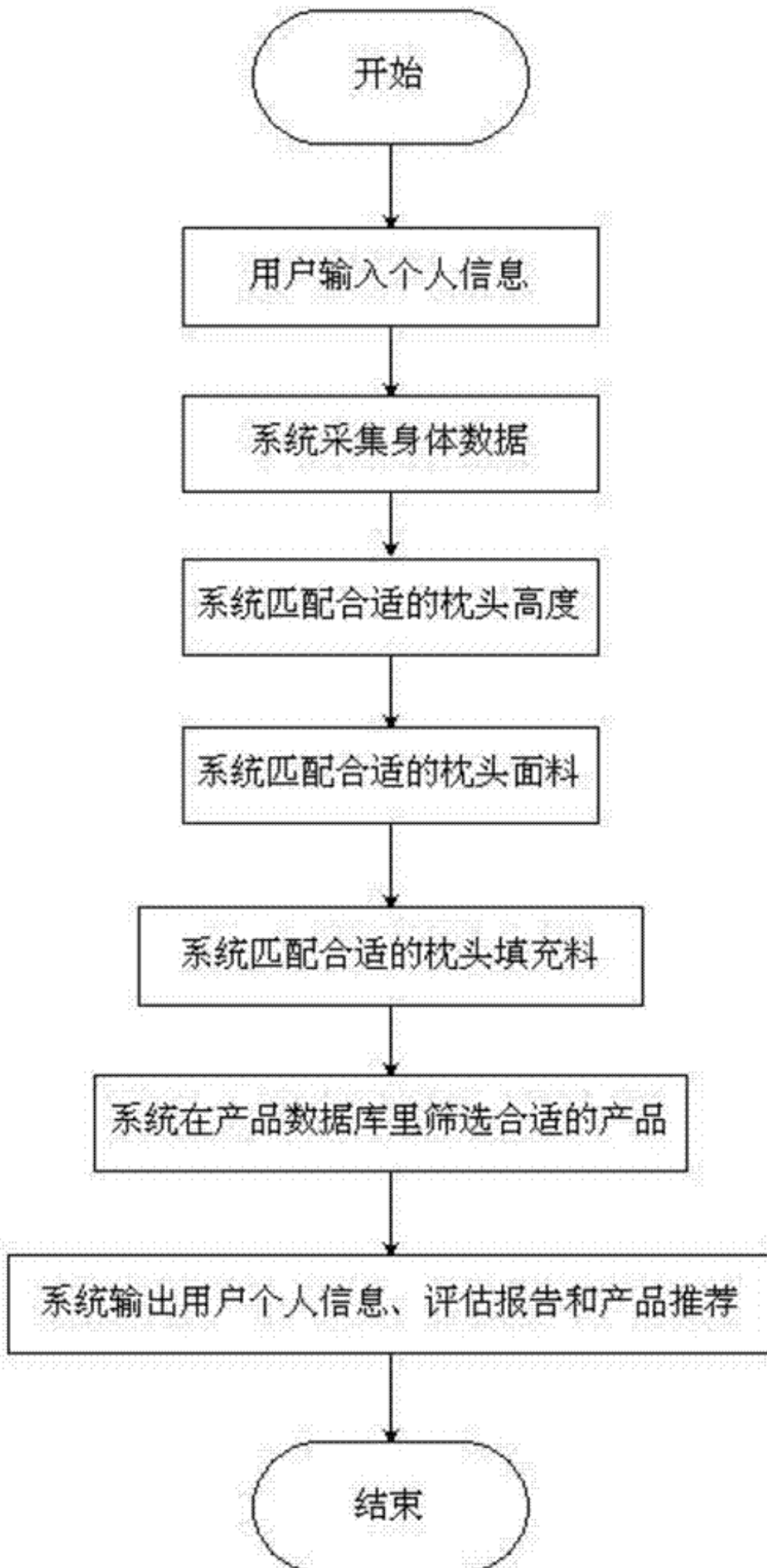
Family 35/100 - FAMPAT - ©Questel

Title

(CN108154415)

Height and hardness adjustable multifunctional pillow matching system

Images



Publication data including kind & date

CN108154415

A 2018-06-12 CN108154415

**Abstract**

(CN108154415)

The invention relates to the field of human engineering, and discloses a height and hardness adjustable multifunctional pillow matching system. The system comprises a data acquisition unit, a product database, a matching and screening unit, a storage unit and an output unit, wherein the data acquisition unit receives data inputted by a user, the product database stores pillow parameters, the matching and screening unit compares the acquired data with a preset reference standard and searches the most suitable pillow in the product database, the storage unit stores the data, and the output unit sends the data in the storage unit. The pillow comprises a pillow body and a filling piece, wherein the pillow body adopts a human body fitting bionic design, and can scientifically support the head and neck of the user. All pillows can be divided into a plurality of models according to the size, fabric and filler of the pillow body, each model has parameters thereof, and the data is stored in the database. The pillow in the invention fits the human body and is high in comfort degree. The system can screen the most suitable pillow quickly, thereby facilitating the user to select, and saving the time and energy.

Inventors

WU BIN

Latest standardized assignees - inventors removed

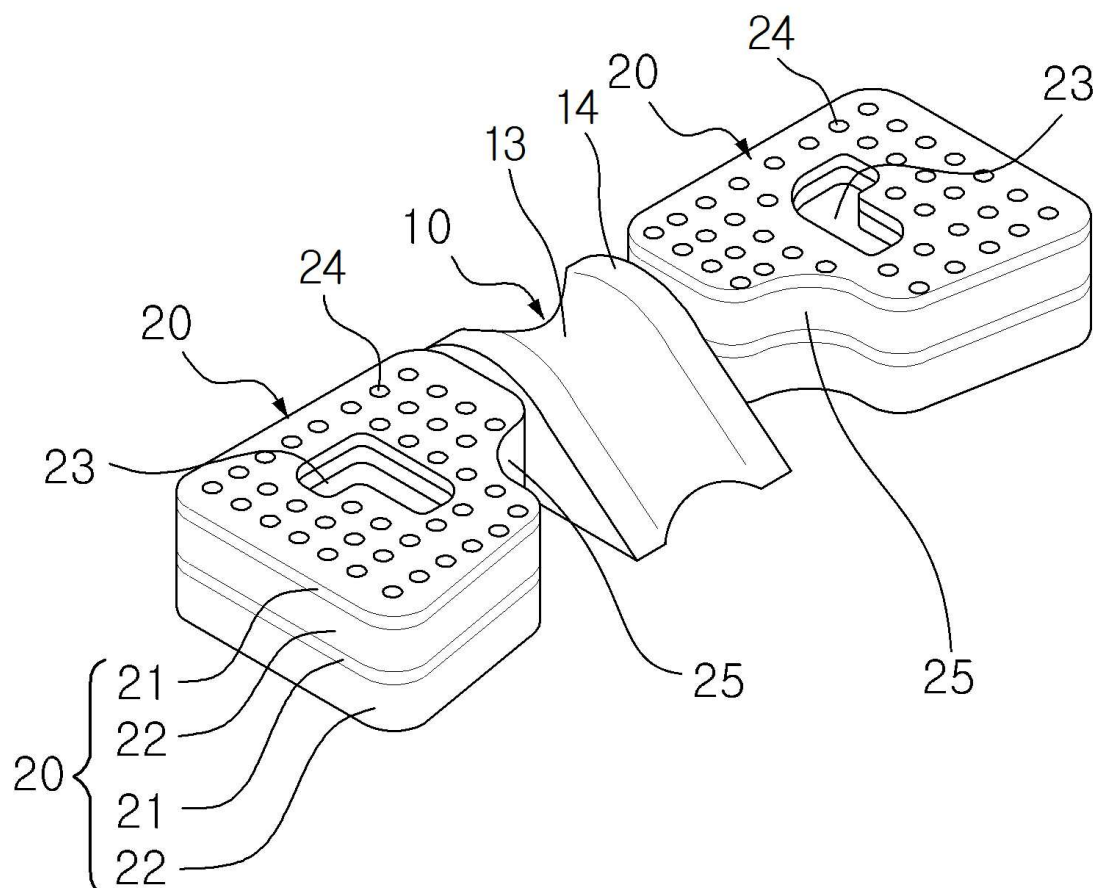
AISLEEP TECHNOLOGY

Family 36/100 - FAMPAT - ©Questel

Title

(KR200484694U)

Functional cervical vertebra and wing pillow

Images**Publication data including kind & date**

KR20170002198

U 2017-06-22 KR20170002198U

KR200484694

Y1 2017-10-18 KR200484694U

**Abstract**

(KR200484694U)

The present invention relates, in general pillows are integrally manufactured with a material that is secured to the site of different head constructed independently for each of different material and shape with comfort and functionality as, for the cervical spine to occipital bone junction finger blood circulation and promote relaxation of the fascia and, when the sleep lay down next to the ear, temporomandibular joint and optic nerve head is not pressed by the weight of the front and in addition, it is not affected by a pillow and a shoulder to be seated comfortably and, good ventilation and elasticity to a blade and a cervical pillow functionality, composed of a polyethylene foam or the evanescent wave form for the cervical spine of the vertebra of the larynx finger junction enclosure, the shell may be made of elastic polyurethane foam is filled in the interior of the contents providing the elasticity composed of urethane film having a cervical spine rest gel was added to the cooling effect of the cervical pillow finger; lying on the side of the ear when the ear is not pressed to the seat, so that the air ventilation hole is provided, 1 th, 2 th, 3 th or 4 depending on the properties of the polyurethane foam laminated to each other, on both sides of the cervical pillow is attached to a side of the pillow; cloth adhered to both sides of the lower portion and a second side of the bottom surface of the pillow 2, 3 or 4 sponge with wings attached to the shoulder region and prevent a pillow and a pillow inner side of the testee is given a groove and seating face, wherein the cervical pillow of the side pillows manufactured separately from each other in sewing to one another by means of the cervical pillow used may vary depending on the side of the pillow with a foldable so produced are superimposed so that it has been found that high use.

Inventors

Q-SYS CO., LTD.

Latest standardized assignees - inventors removed

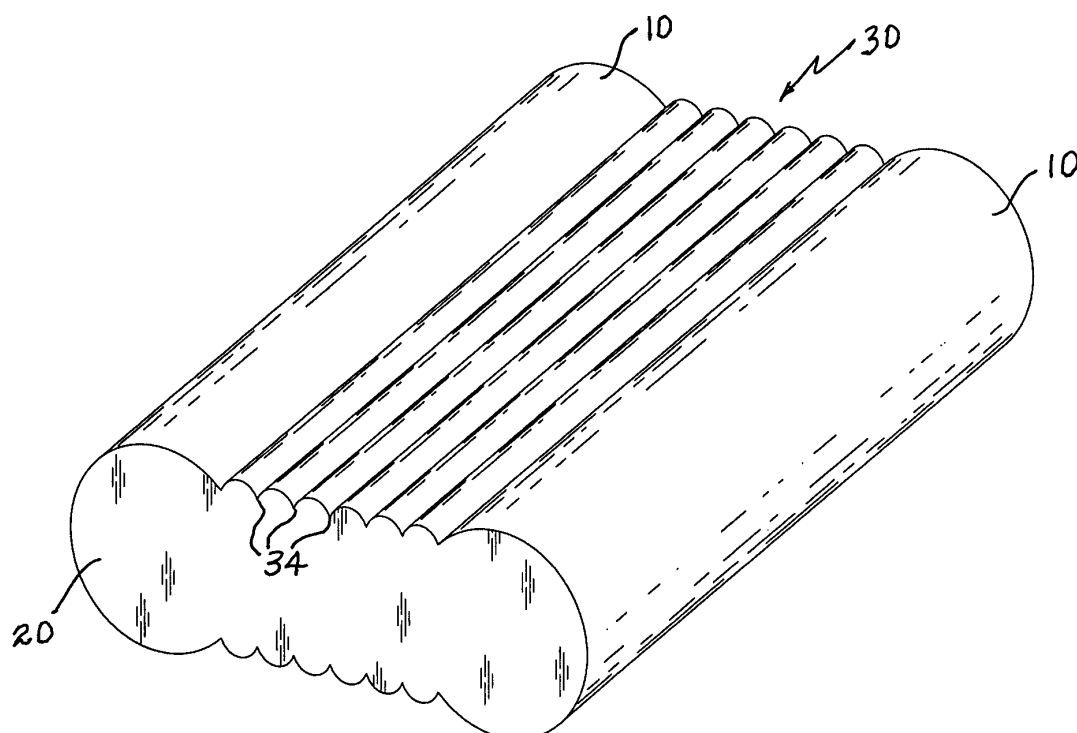
Q SYSTEM

Family 37/100 - FAMPAT - ©Questel

Title

(US20080216242)

Orthopedic pillow having improved incremental compressive resistance for improved cervical support

Images

Publication data including kind & date[US20080216242](#)

A1 2008-09-11

US20080216242

**Abstract**

(US20080216242)

An orthopedic pillow is a monolithic foam structure. Spaced apart depressed top and bottom surfaces are continuous with, and are extensive between the side surfaces. The top and bottom surfaces are each formed as a plurality of side-by-side longitudinal ribs parallel with the long side surfaces. Each one of the ribs protrudes outwardly from the apparatus and is a major portion of a semi-circle in shape. The physical conformation of the apparatus is such, that with the long side surfaces resting on a mattress, the tips of the ribs are initially spaced apart from the mattress, and with a head's weight resting on the top surface, the ribs of the top surface are compressed, and the ribs of the bottom surface are urged toward the mattress providing compressive resistance proportional to the compressive force.

Inventors

REEVES BRIAN MARK

Latest standardized assignees - inventors removed

RELAX RIGHT

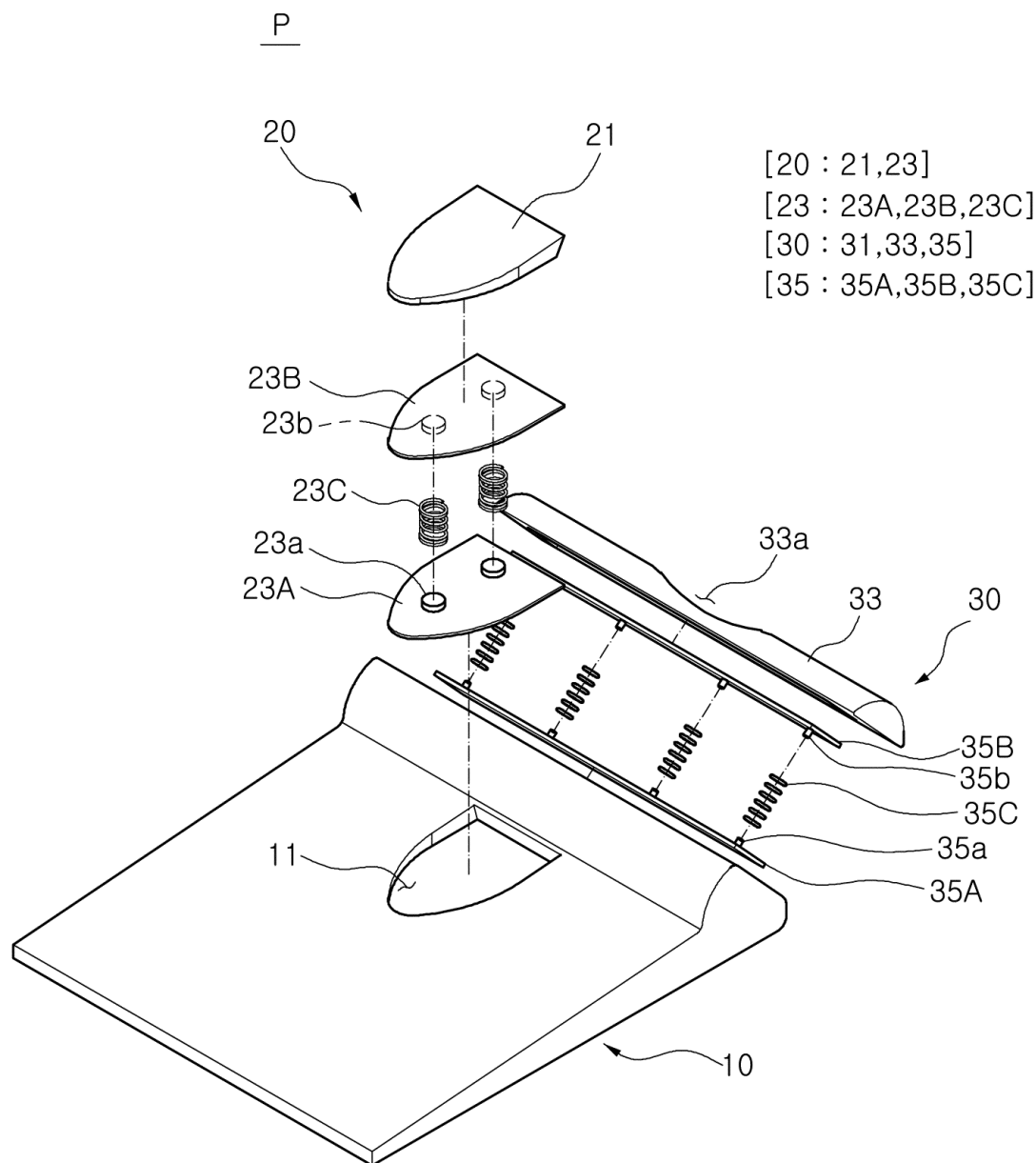
Family 38/100 - FAMPAT - ©Questel

Title

(KR200408517U)

Traction pillow for herniated intervertebral disc patient

Images

**Publication data including kind & date**

KR200408517

Y1 2006-02-13

KR200408517U

**Abstract**

(KR200408517U)

This invention relates to a patient's neck traction of the disk makes it possible to treat the invention relates to a pillow, the cervical vertebrae of the spine (vertebral column) particularly bedtime (cervical vertebrae) in support of the skull and a portion between a lying to be bent back of the head in the affected muscle sprains to hold the distance between the cervical relaxation interval between the spinal nerve compete through muscular traction by extending the intervertebral disc so as to obtain the effect of treatment relates to the pillow.

The present invention relates to a traction pillow for a patient according to the base disk; and arranged at the top of the base, biased by the resilient means, the cervical vertebrae of the spine (vertebral column) for supporting the chin rest (cervical vertebrae) site; and the chin rest and arranged at the top, the engagement between the cervical spine in the skull base support portion, a lying to be bent back of the head in the traction; made including.

Inventors

RYU, IN-DOK

Latest standardized assignees - inventors removed

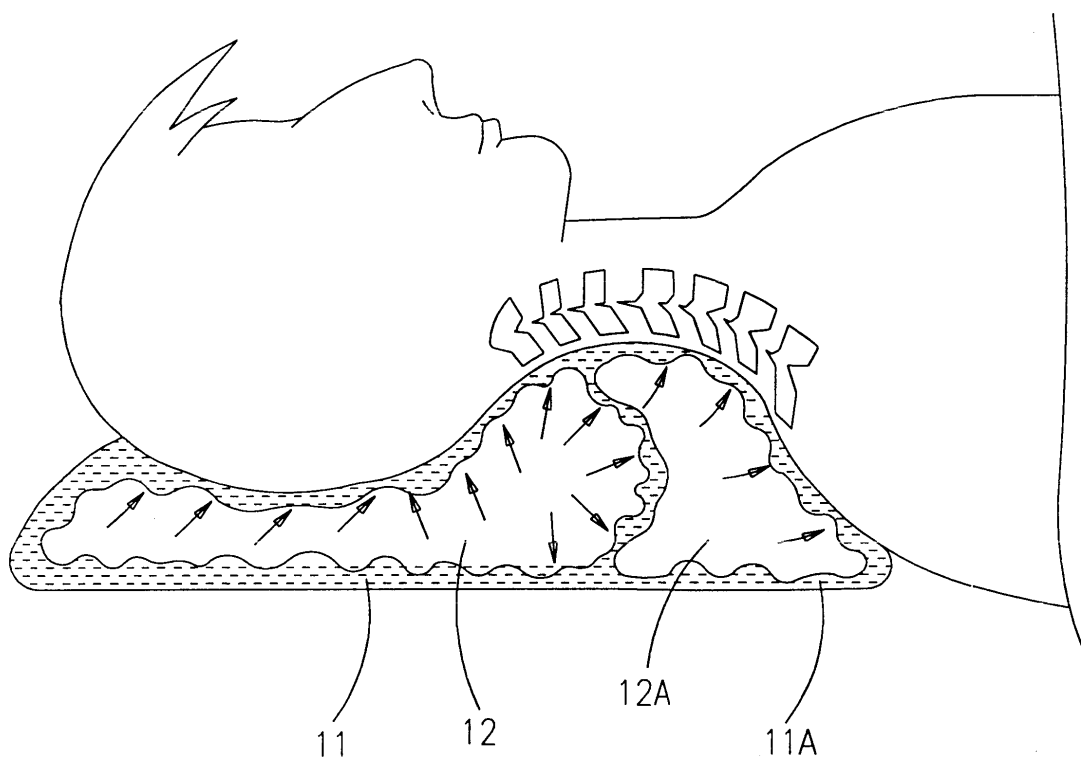
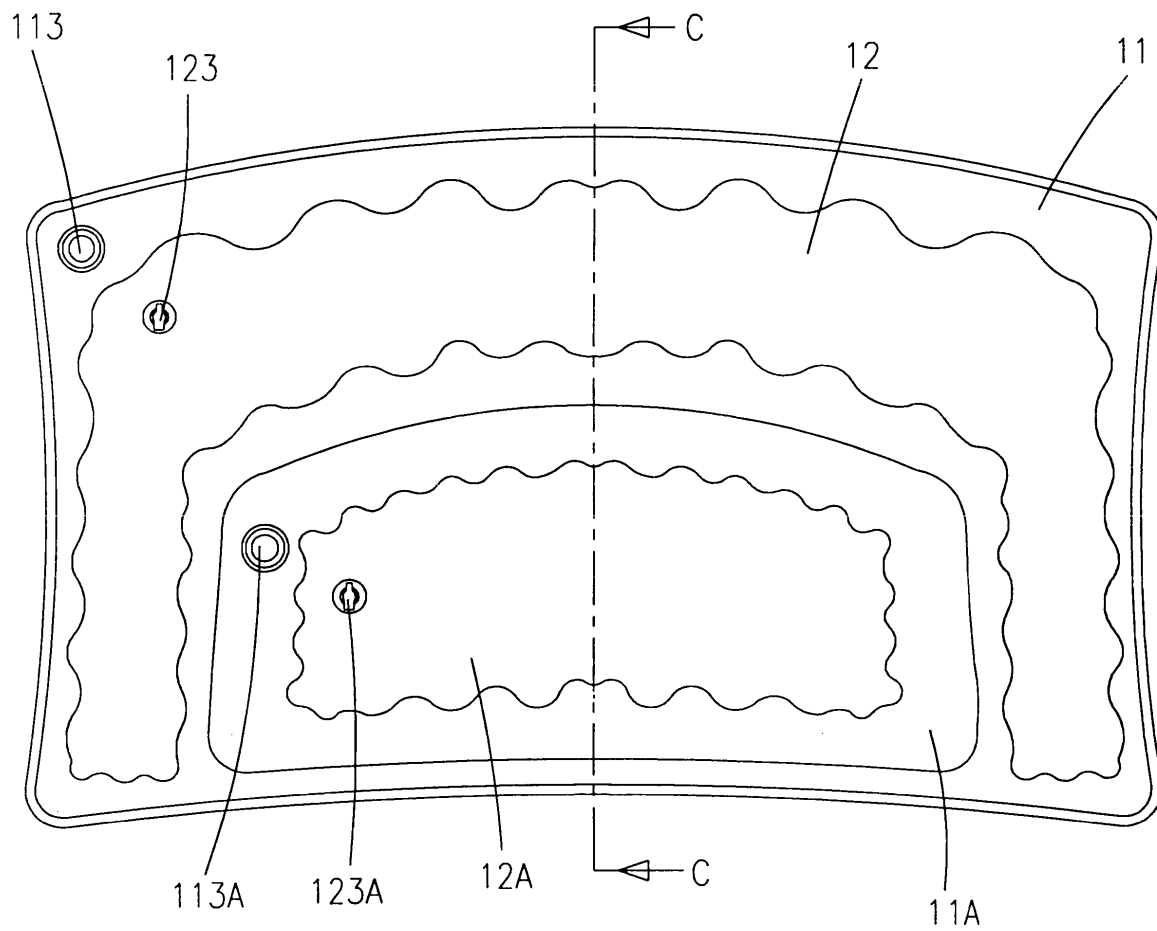
RYU DOK

Family 39/100 - FAMPAT - ©Questel

Title

(US6397415)

Orthopedic pillow

Images

Publication data including kind & date[US6397415](#)

B1 2002-06-04 US6397415

**Abstract**

(US6397415)

An inflatable cervical pillow formed of airtight thermoplastic material comprises a water chamber including a valve projected above the surface thereof, and an air chamber including a valve projected above the surface of water chamber. Pillow is curved about 35 to 45 degrees from the lowest front end to the highest rear end. The chambers are flexibly fitted each other. The air chamber has a corrugated surface such that water in the water chamber is operable to flow toward the corrugated surface of the air chamber. The invention is ergonomic such that musculoskeletal discomfort in the head and the neck of the user is totally eliminated after sleep.

Inventors

HSIEH HSUAN-CHI

Family 40/100 - FAMPAT - ©Questel

Title

(EP2693916)

Pillow

Images

(EP2693916)

A pillow (10) includes an upper surface (16), a lower surface (18) and side edges (12, 14) wherein the upper surface (16) includes a raised edge (20, 21) proximate the upper and lower edges of the upper surface (16). The upper surface (16) includes at least one cut out (24) through either the raised edge (20 or 21) proximate the upper or lower edge that is configured to support the user's neck in an anatomically correct position. A recessed surface (22) in the upper surface (16) for supporting the back surface of the user's neck and cranium and the sides of the user's head extends from proximate a left edge (12) to proximate a right edge (14) and is in communication with the at least one cut out (24). The pillow (10) is of a sufficient height to extend from the user's neck to above the user's ears and face. The pillow (10) includes at least one internal armature (40, 42) that is flexible and bendable such that the pillow (10) can be manipulated into a selected configuration with manual force. The armature (40, 42) is sufficiently strong while being malleable such that the pillow (10) can be configured from a substantially flat configuration and into a substantially "U" shape where left and right edges (12, 14) are in front of the user's face. In the "U" shaped configuration, the user can roll from side to side while the pillow (10) remains in direct contact and rolls uniformly with the user's head maintaining support for both the neck and head and thereby provide a more comfortable rest or sleep.

Inventors

ABDO JOHN S

Latest standardized assignees - inventors removed

JOHN S ABDUL

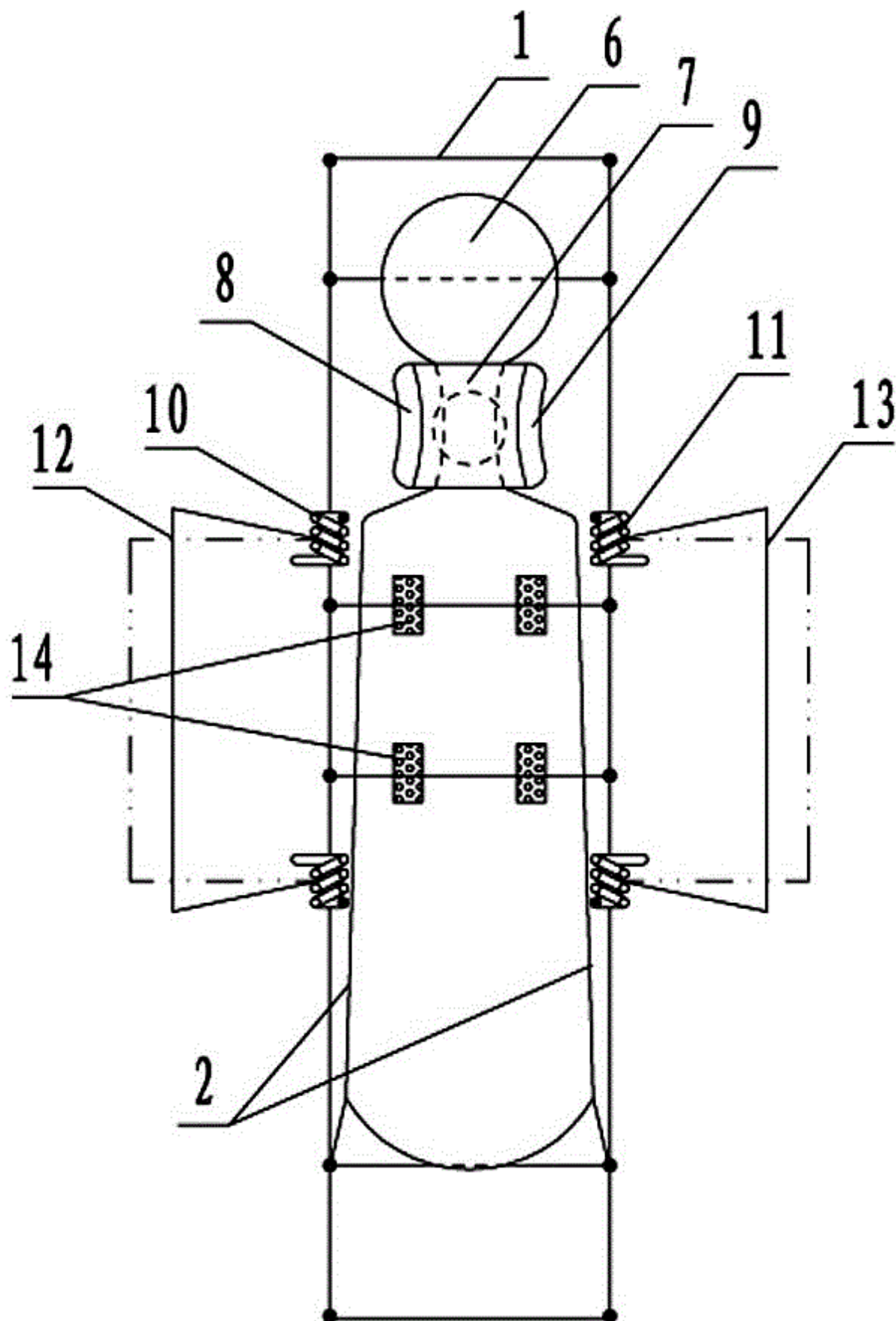
Family 41/100 - FAMPAT - ©Questel

Title

(CN104473489)

Flexible comfortable back and breast-stretching neck and shoulder pillow bracket

Images

**Publication data including kind & date**

CN104473489	A	2015-04-01	CN104473489
CN104473489	B	2017-04-26	CN104473489B

**Abstract**

(CN104473489B)

The invention discloses a flexible comfortable back and breast-stretching neck and shoulder pillow bracket which comprises an elastic backrest frame which is longitudinally arranged on a supporting frame, wherein the section of the

elastic backrest frame in the human spine column region is in an arc-shaped structure which recesses backward longitudinally and the section of the elastic backrest frame in the human lumbar vertebra region is in an arc-shaped structure which recesses forward longitudinally; the upper part of the elastic backrest frame is connected with the supporting frame by virtue of a pressure spring and the lower end of the elastic backrest frame is fixedly connected with the supporting frame; a pillow neck layer board is fixedly arranged on the pressure spring; and the columns on the left and right sides of the supporting frame are respectively hinged with shoulder and back supporting frames which apply elasticity forward by virtue of torsional springs. The bracket disclosed by the invention has the advantages that based on physiological anatomy, when people sit for a long time and feel fatigued and shoulders perform so-called stretching, the elastic resistance on double wings of the shoulder and back supporting frame and perispinous process massage rollers behind the neck and chest and back can provide support to the shoulders and movement of muscle groups around the shoulder blade, so that the functions of expanding the chest and lifting the shoulders to exercise the muscle groups of the chest and back and relieving fatigue, stretching shoulders and chest, expanding the back and recovering from fatigue can be realized.

Inventors

ZHANG ZHI

ZHANG PEIPEI

GAN JIALIANG

CHEN MINZHUANG

Kwong Lihua

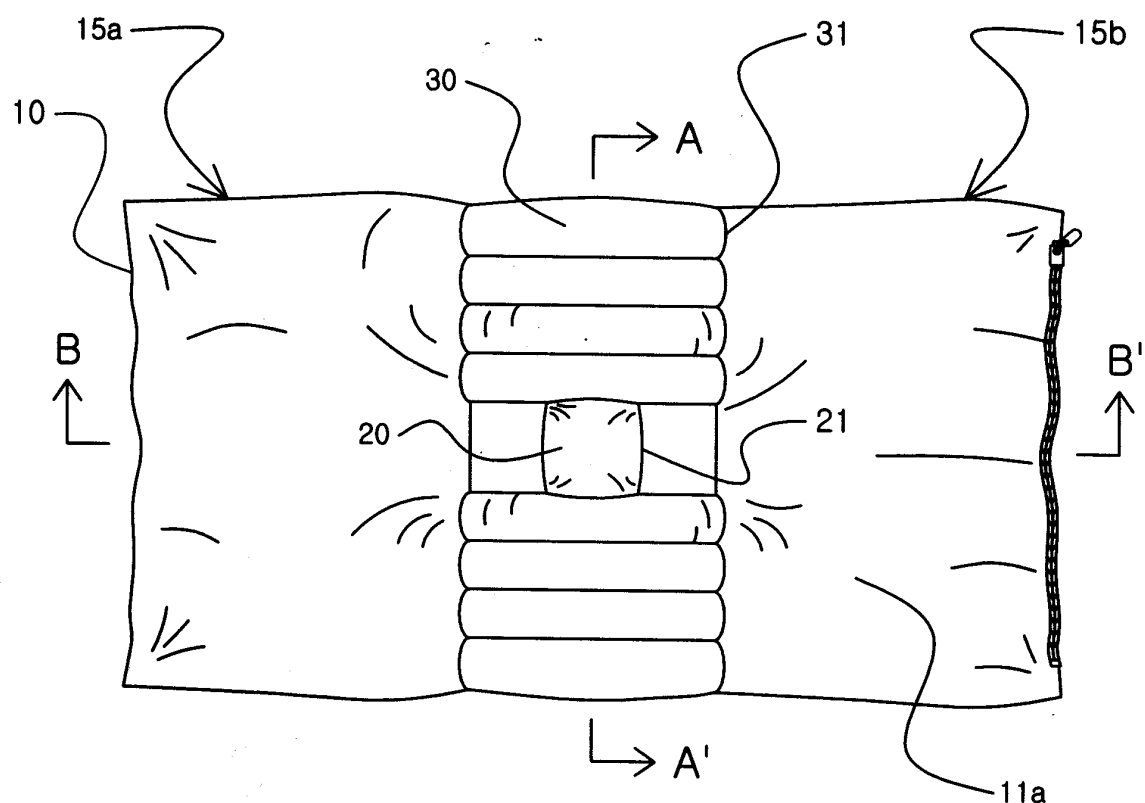
Family 42/100 - FAMPAT - ©Questel

Title

(KR101088906)

Multifunctional pillow

Images



Publication data including kind & date

[KR20100039109](#)

A 2010-04-15

KR20100039109

[KR101088906](#)

B1 2011-12-07

KR101088906



Abstract

(KR101088906)

PURPOSE: A multifunctional Oriental medicine cervical spine pillow is provided, which can induce sound sleep by keeping natural posture in sleep. CONSTITUTION: A multifunctional Oriental medicine cervical spine pillow comprises: a main body(10) which is formed of filling space filled with Oriental medicine by combining circumference of the pillow cover of both sides; a recess portion(20) which locates in the top surface center of the main body and is formed lower than the height of the main body; and a projection(30) which is located in the top and lower part of the recess portion and is formed by inserting a ring in the compartment divided at the constant interval.

Inventors

WHANG, SOON AE

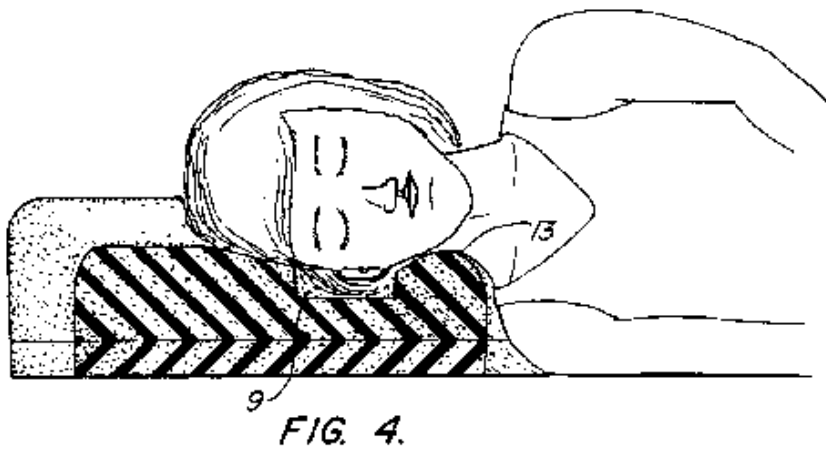
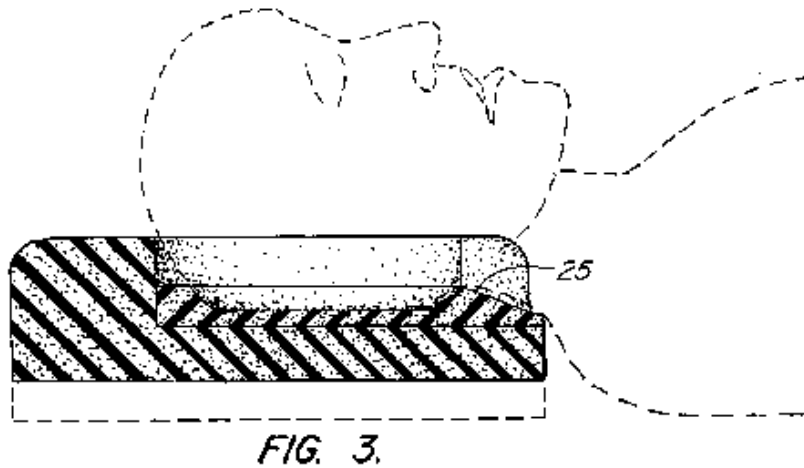
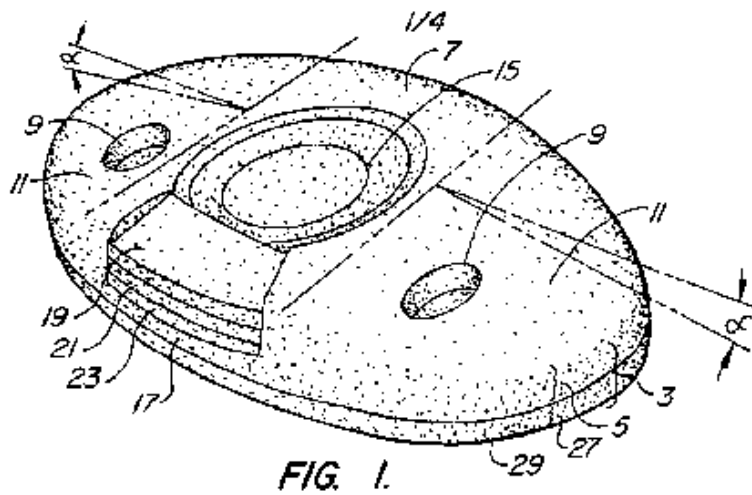
Family 43/100 - FAMPAT - ©Questel

Title

(EP1022971)

Adjustable cervical beautification pillow

Images



Publication data including kind & date

WO9820779	A1	1998-05-22	WO9820779
CA2271634	A1	1998-05-22	CA2271634
AU5246298	A	1998-06-03	AU9852462
US5781947	A	1998-07-21	US5781947
US5926880	A	1999-07-27	US5926880
US6006380	A	1999-12-28	US6006380
BR9713502	A	2000-02-29	BR9713502
BRPI9713502	A1	2000-02-29	BRPI9713502
EP1022971	A1	2000-08-02	EP1022971
EP1022971	A4	2000-08-02	EP1022971



[JP2001504015](#)

A 2001-03-27 JP2001504015

Abstract

(EP1022971)

Cervical pillows with beautification properties for supporting the head and neck of a person are provided. Pillows have a resilient pillow body (30) having an adjustable height head rest (15), a resilient pillow body having a resilient upper portion with a plurality of depressions (9) on a top face of the resilient upper portion for receiving the person's ears, a top face (7, 11) with a planar portion (11) with a downward angular planar declination, and a resilient lower portion with a bottom face (29).

Inventors

SRAMEK ROGER

Latest standardized assignees - inventors removed

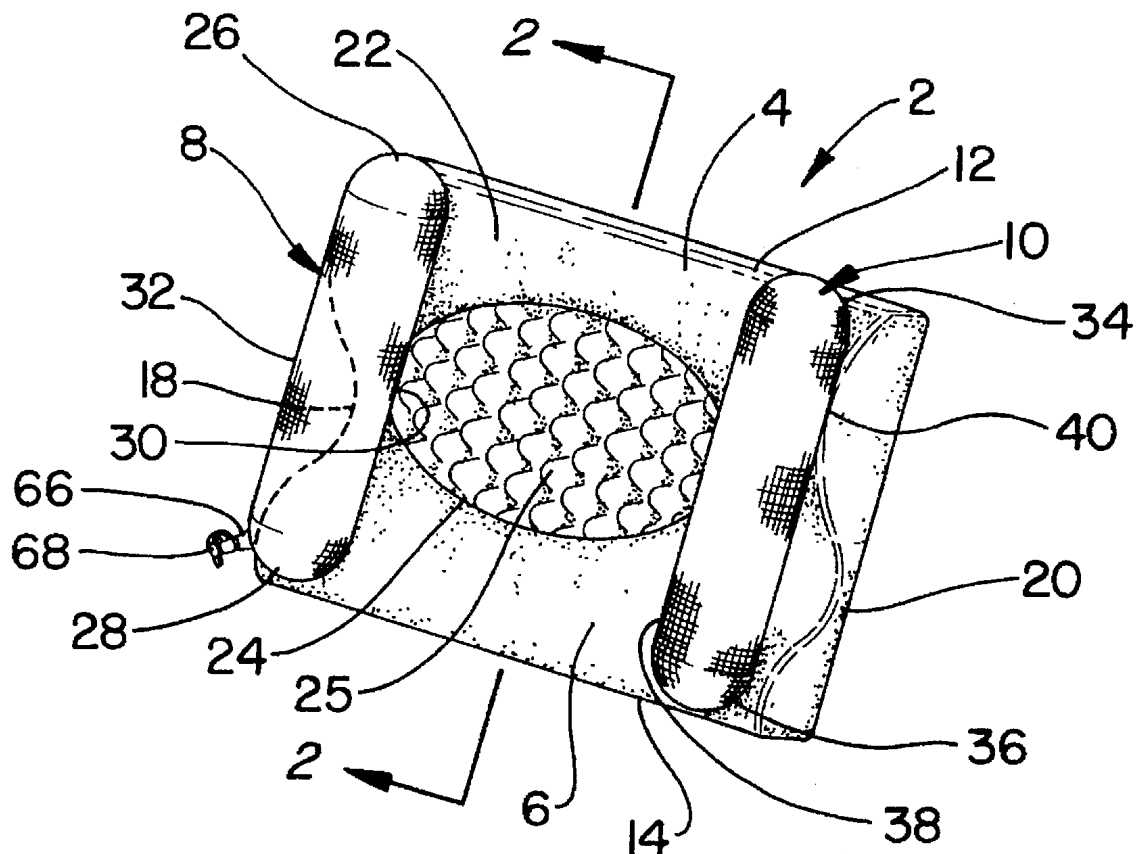
LES NUAGES

Family 44/100 - FAMPAT - ©Questel

Title

(US5630651)

Pressure adjustable cervical pillow with lateral sides

Images**Publication data including kind & date**[US5630651](#)

A 1997-05-20 US5630651

**Abstract**

(US5630651)

A cervical pillow is disclosed comprising a headrest portion, a cervical neck roll portion, and opposing lateral side portions. The headrest portion and the cervical neck roll portion comfortably supports the user's head area while providing proper cervical support to the user's neck area. The opposing lateral side portions provide side support for the user's head, maintaining the user's head in a straight and anatomically correct position while the user's head is at rest in the cervical pillow. The cervical pillow has air bladders in the headrest, cervical, and lateral support portions for adjusting the amount of

pressure against the head and cervical areas of the user. The cervical pillow has resilient cushion inserts between the air bladders and the surfaces that make contact with the user. The cushion inserts are held into place with a fabric material covering the cervical pillow assembly.

Inventors

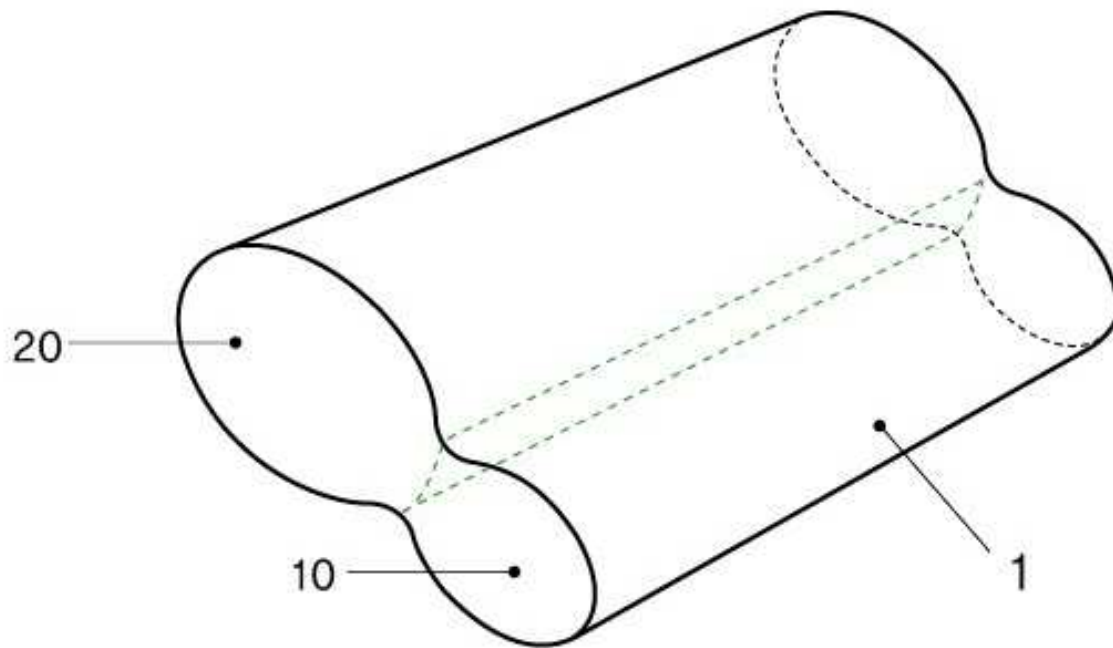
FISHBANE BRUCE M

Family 45/100 - FAMPAT - ©Questel

Title

(KR101104724)

Cervical Vertebrae Pillow Fabricated by Three Dimensional Sewing

Images**Publication data including kind & date**

KR20110012265	A	2011-02-09	KR20110012265
KR101104724	B1	2012-01-10	KR101104724

**Abstract**

(KR101104724)

PURPOSE: A cervical spine pillow using cubic sewing is provided, which enables a user to take a comfortable sleep and promotes blood circulation and metabolism. **CONSTITUTION:** A cervical spine pillow using cubic sewing comprises: a cervical spine support part(10); an occipital region upper end support part which is separated from the cervical spine support part by a separation film; and a cylindrical occipital region support part which is formed inside the occipital region upper end support part. Each of cervical spine support part, occipital region upper end support part, and occipital region is filled with fillers.

Inventors

KIM, IL HAN

KIM, JEE HAN

KIM, WON-TAE

HWASHIN CO.

Latest standardized assignees - inventors removed

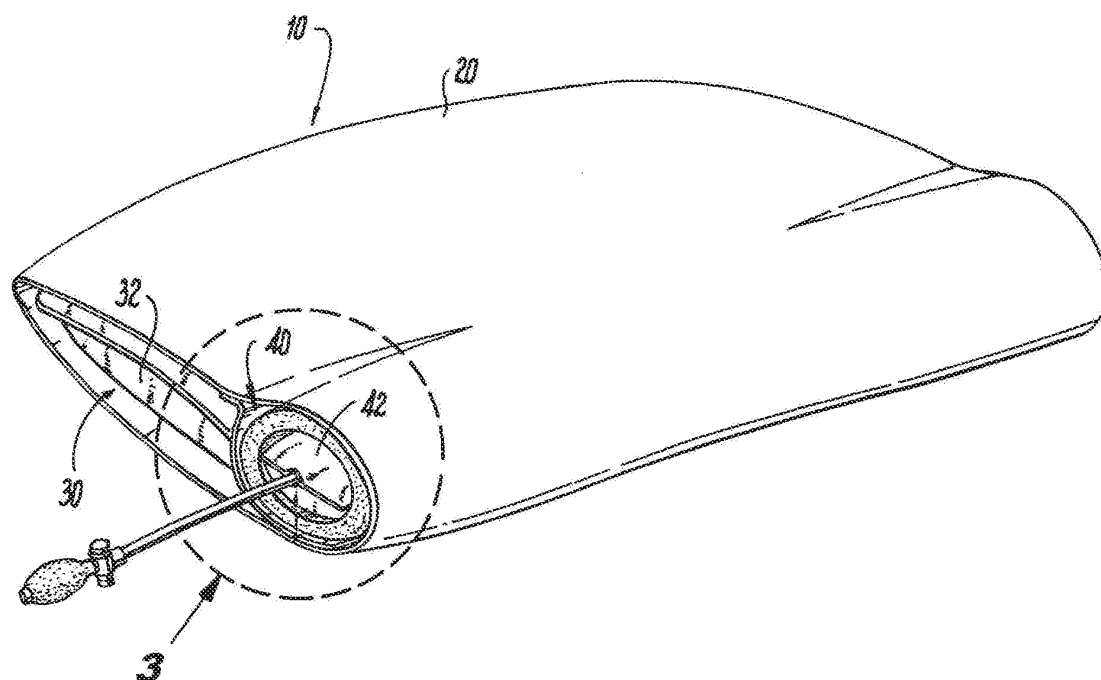
TEXLAND NEXKO

Family 46/100 - FAMPAT - ©Questel

Title

(US20190110617)

Pillow with adjustable sleeve for inflatable air bladder

Images**Publication data including kind & date**[US20190110617](#)

A1 2019-04-18

US20190110617

**Abstract**

(US20190110617)

A support pillow has a pillow-fill unit comprising pillow fill material, a neck support unit comprising an inflatable air bladder and a pillow case having a first sleeve for receiving the pillow-fill unit and a second sleeve for receiving the cervical or neck support unit. The second sleeve of the pillow case includes padding on an inner sleeve surface. The inflatable air bladder includes a valve that operates in a first state to allow an input of pressurized air and in a second state to allow an exit of bladder-stored air. Adding air to the inflatable air bladder, in the first state, increases a size of and pressure in the inflatable air bladder. Also, the padding on the inner sleeve surface of the second sleeve is soft, and compressible.

Inventors

BERNEY ROBERT

MIKELL EDWARD

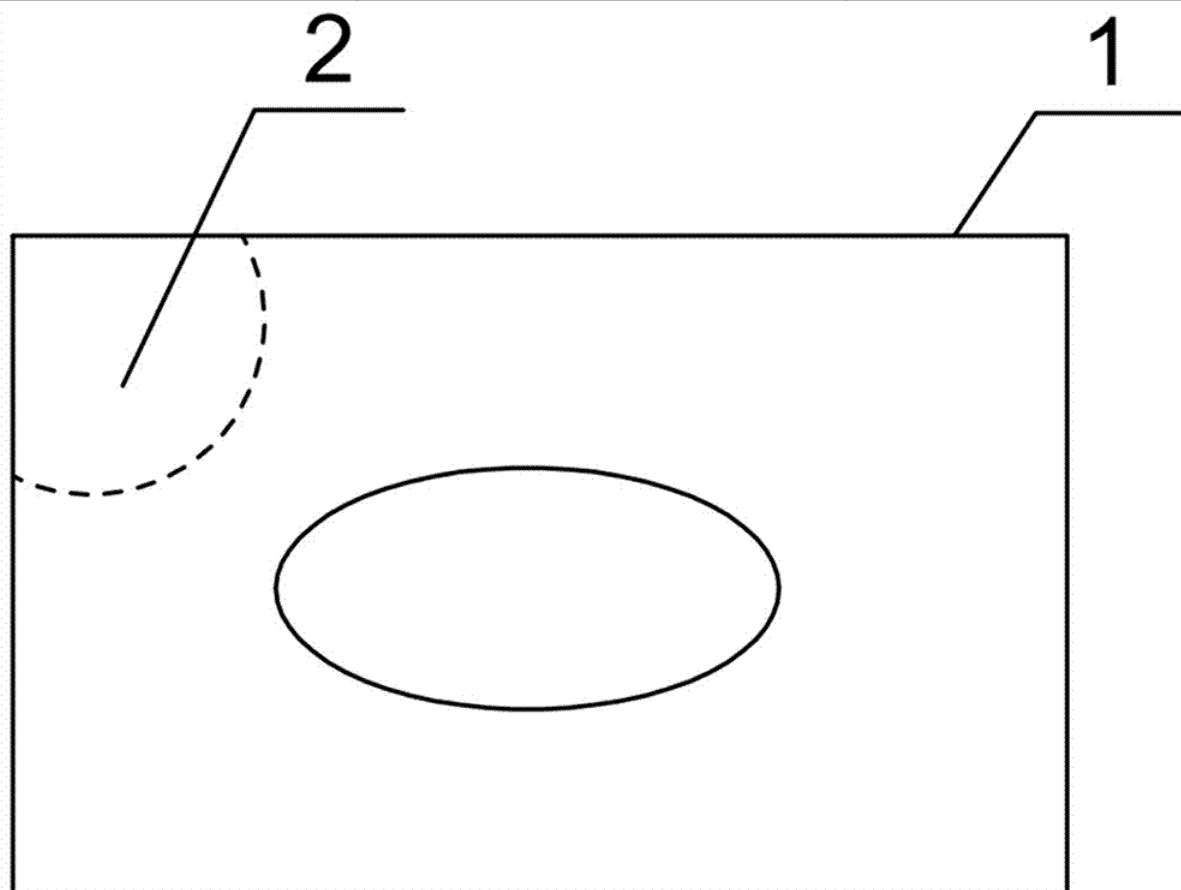
Family 47/100 - FAMPAT - ©Questel

Title

(CN108814187)

Multifunctional health-care pillow

Images

**Publication data including kind & date**[CN108814187](#)

A

2018-11-16

CN108814187

**Abstract**

(CN108814187)

The invention discloses a multifunctional health-care pillow. The combined pillow comprises a pillow case and a pillow interior for filling the pillow case; the pillow interior comprises a medicine pillow interior, a soft pillow interior, a plurality of inflating airbags and an inflating pump which communicate with the inflating airbags, wherein the soft pillow interior comprises a middle concave part and a supporting part which is used for supporting necks; the medicine pillow interior is enveloped in the supporting part; and the plurality of inflating airbags are uniformly fixed to the uppersurface layer of the soft pillow interior. The pillow designed by the invention conforms to normal physiological bending of human body cervical vertebra; using comfort can be enhanced; in addition, the pillow can fit to human body necks at any time in accordance with change in sleeping postures; and meanwhile, a health-care effect can be achieved. In addition, by arranging the plurality of airbags, the height of local position of the pillow can be adjusted; therefore, the targeting performance is enhanced. The adopted medicine pillow interior has functions of dispelling wind, dredging collateral and alleviating pain; and the medicine pillow interior can effectively improve cervical vertebra diseases, and the medicine pillow interior is relatively excellent in curative effect on neck-type and nerve-root type cervical spondylosis.

Inventors

JIANG HONGZHI

Latest standardized assignees - inventors removed

GUANGZHOU XIANGYING MDT INFOTECH

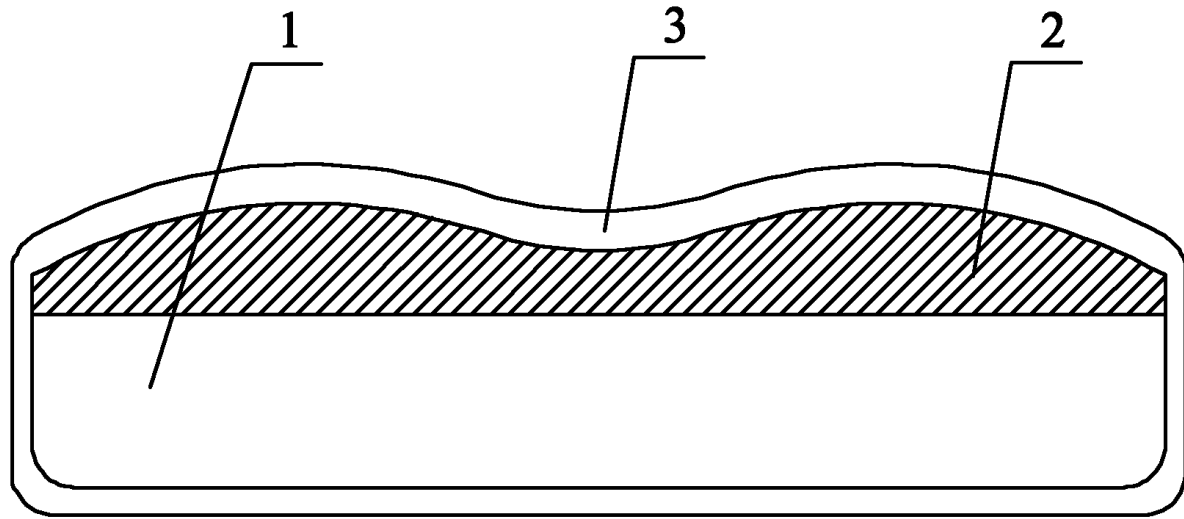
Family 48/100 - FAMPAT - ©Questel

Title

(CN202397044U)

Cervical vertebra physical orthopedic pillow for cervical spondylosis

Images

**Publication data including kind & date**

CN202397044

U

2012-08-29

CN202397044U

**Abstract**

(CN202397044U)

The utility model provides a cervical vertebra physical orthopedic pillow for cervical spondylosis. The orthopedic pillow comprises a cushion layer, the projection of the top surface of the cushion layer in the longitudinal section of the cushion layer is a first curve, two ends of the first curve respectively form two raised areas, and the middle part of the first curve forms a sunken area. Through the cervical vertebra physical orthopedic pillow for the cervical spondylosis, raw materials for the conventional medicament cutting machine can be saved; the orthopedic pillow is environment-friendly; and the cut unqualified powder can be directly separated from the qualified product at one time, so the medicament cutting machine is convenient and quick.

Inventors

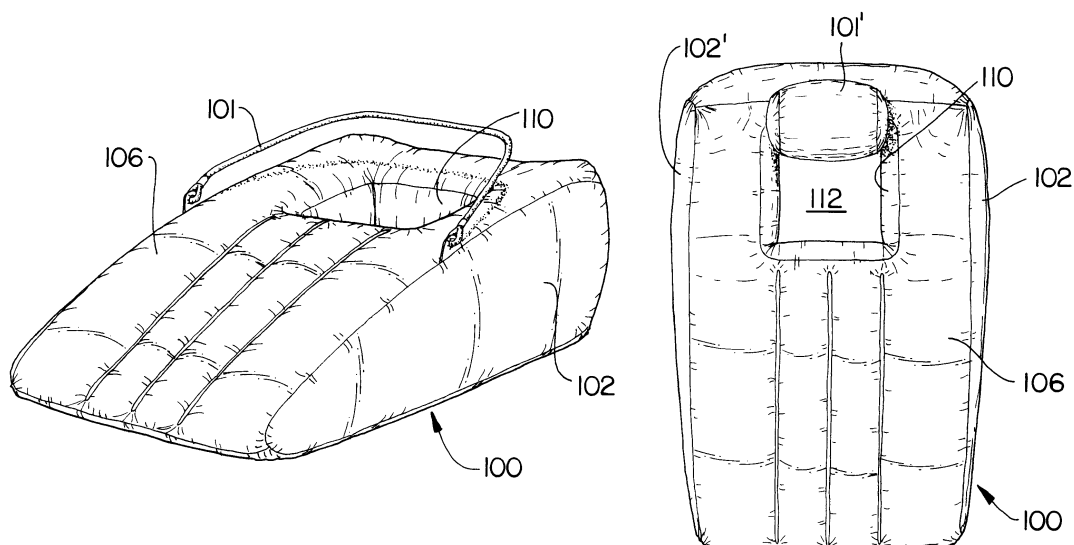
FU LAFENG

Family 49/100 - FAMPAT - ©Questel

Title

(US6175979)

Inflatable orthopedic pillow

Images

Publication data including kind & date[US6175979](#)

B1 2001-01-23 US6175979

**Abstract**

(US6175979)

The present invention is an inflatable orthopedic pillow having both a size and shape effective to maintain elevation of one or both of a patient's lower extremities to a position favorable for the reduction of chronic edematous swelling. The shape and construction of the device provides an area effective for the isolation of a patient's foot so that the heel and surrounding area is floating in midair. At the same time, the entire leg is cradled upon an inflated surface which yields to pressure and thus minimizes the formation of secondary ulcers due to prolonged periods of contact of the surrounding tissues with the device.

Inventors

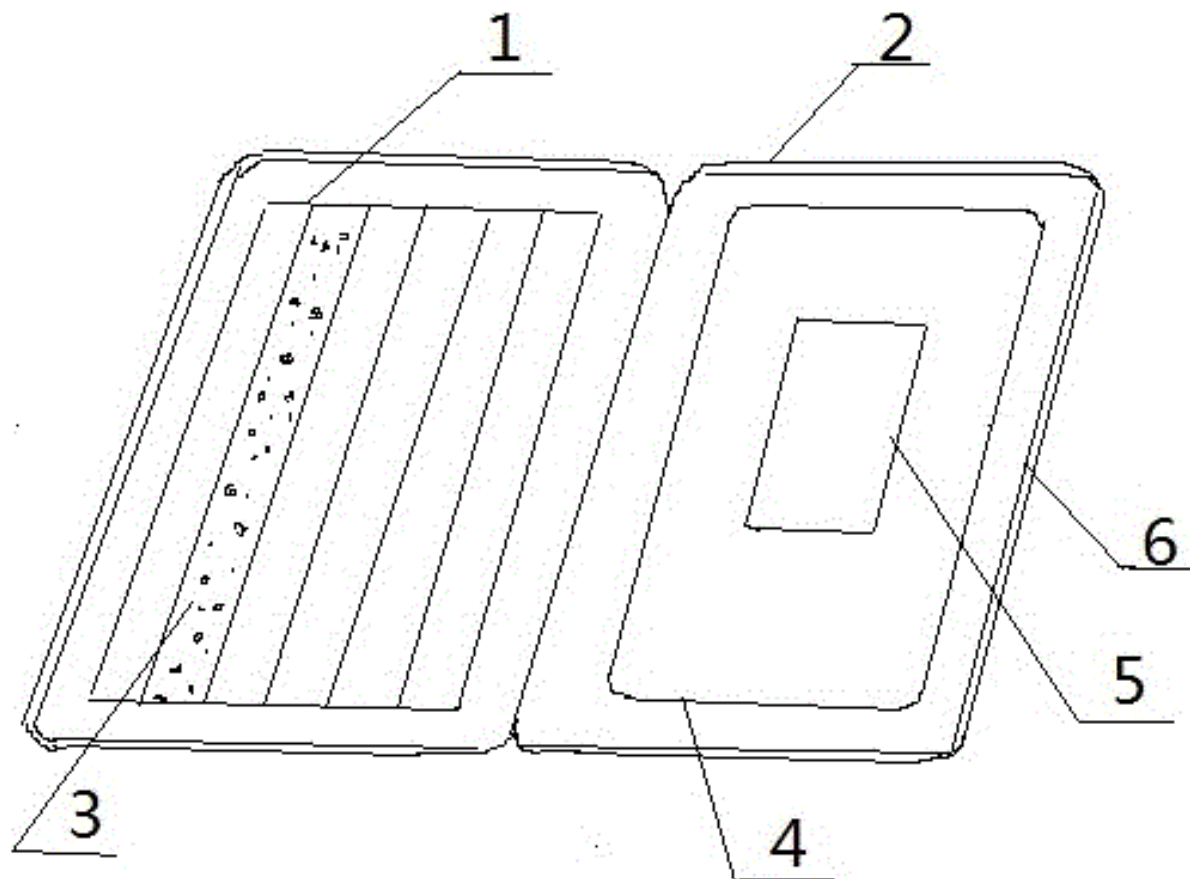
JACKSON JOHN C

Family 50/100 - FAMPAT - ©Questel

Title

(CN105935232)

Cervical vertebra pillow and sleeping pillow composite multipurpose pillow

Images**Publication data including kind & date**[CN105935232](#)

A 2016-09-14 CN105935232

**Abstract**

(CN105935232)

The present invention discloses a cervical vertebra pillow and sleeping pillow composite multipurpose pillow, and is characterized in that the composite multipurpose pillow comprises a first pillowcase surface and a second pillowcase surface, and one side of the first pillowcase surface and one side of the second pillowcase surface are connected; the first pillowcase surface is double-layer and prepared into strip-shaped traditional Chinese medicine bags, and tartarian buckwheat shells, bamboo charcoal and small granule Chinese herbal medicine pills are filled in the strip-shaped traditional

Chinese medicine bags; a pillow is disposed in the first pillowcase surface and the second pillowcase surface to form a two-side sleeping pillow; a heating bag is attached on the pillow; the strip-shaped traditional Chinese medicine bag filler comprises 25-30% of tartarian buckwheat shells, 5-10% of bamboo charcoal and 60-65% of small granule Chinese herbal medicine pills; The Chinese herbal medicine pills comprise components including 25-30% of ginkgo leaves, 25-30% of argy wormwood leaves, 5-7% of wild chrysanthemum flowers, 5-7% of peppermint, 8-10% of lavender, 8-10% of common selfheal fruit-spike, 3-5% of dahurian angelica roots, 3-5% of clove, 3-5% of calcium carbonate, 3-5% of starch, and a little water; and the first pillowcase surface and the second pillowcase surface are coiled to be cylindrical and put into a cylindrical sleeve to form a cervical vertebra pillow. Requirements of the cervical vertebra and the head on different sleeping pillows can be satisfied by the composite multipurpose pillow, and the composite multipurpose pillow has health care and treatment effects on the cervical vertebra and the head.

Inventors

YANG YAQIN

Latest standardized assignees - inventors removed

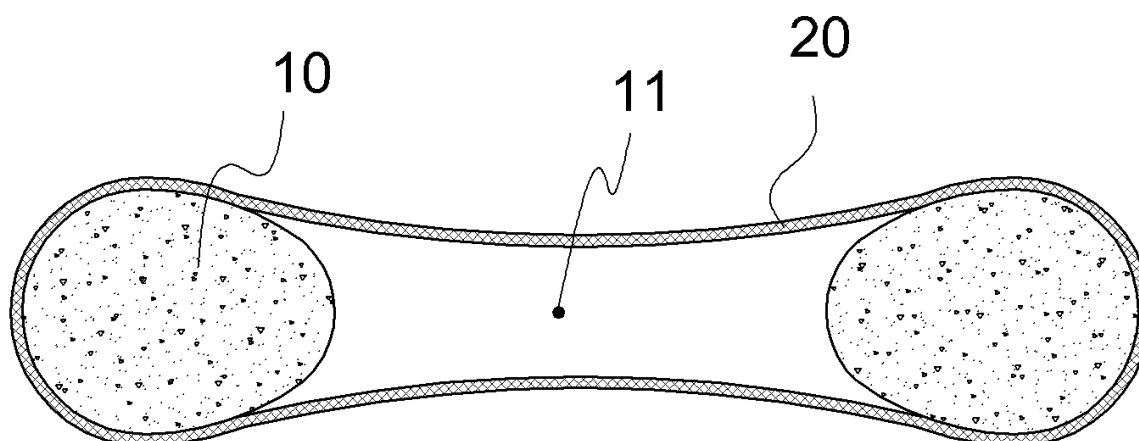
ANLU TIANYU HEALTH PRODUCTS

Family 51/100 - FAMPAT - ©Questel

Title

(KR101355192)

Netted pillow

Images**Publication data including kind & date**

KR20140003910	A	2014-01-10	KR20140003910
KR101355192	B1	2014-01-27	KR101355192

**Abstract**

(KR101355192)

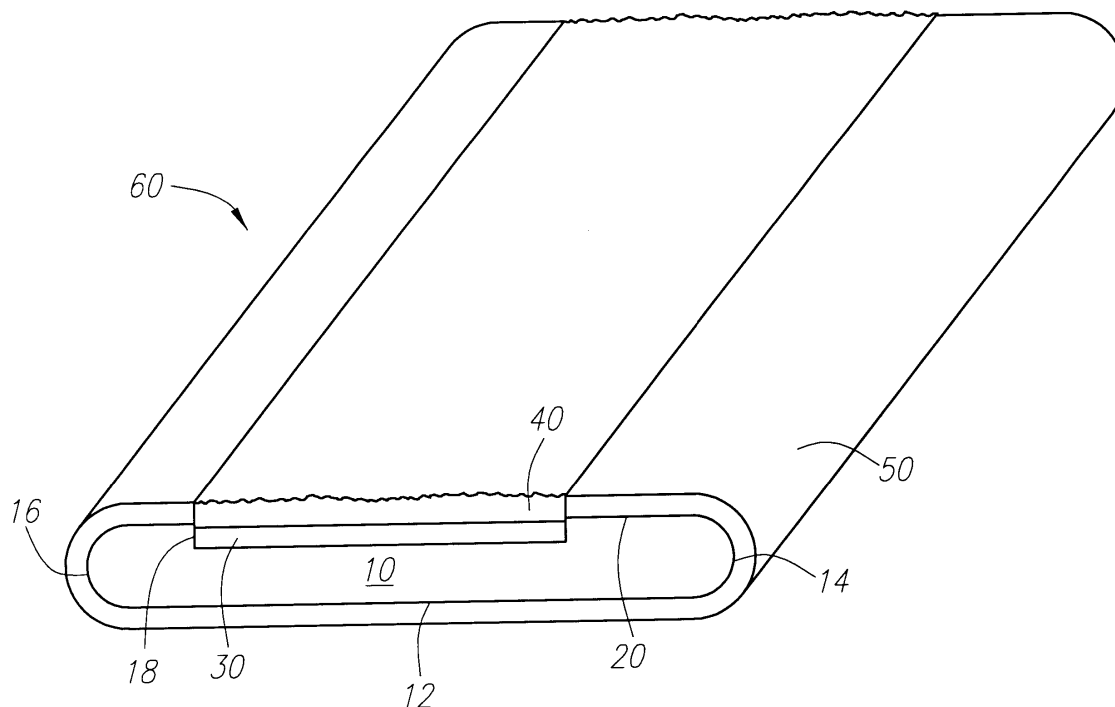
The present invention relates to a net pillow. The net pillow according to the present invention can make the head of an infant pretty by minimizing pressure applied to the head and has excellent ventilation efforts so that it prevents the infant from dying from suffocation if the infant sleeps on the abdomen. The present invention includes a pillow body in which a vertically penetrated penetration unit is formed and a head support net covering the upper and lower parts of the penetration unit of the pillar body.

Inventors

KIM, DAE SANG

Family 52/100 - FAMPAT - ©Questel

Title



Publication data including kind & date

US6182312	B1	2001-02-06	US6182312
WO200156432	A2	2001-08-09	WO200156432
US20010018777	A1	2001-09-06	US20010018777
US6317908	B1	2001-11-20	US6317908
WO200156432	A3	2002-01-17	WO200156432
US6408467	B2	2002-06-25	US6408467



Abstract

(WO200156432)

An orthopedic pillow (60) that comprises a foam core (10) with a first and second lengthwise edge (14, 16), a top surface (20), and a bottom surface (12). The top surface (20) includes a recess (18) located upon the surface (20), with a layer of soft, viscoelastic foam (30) being located within the recess (18). A layer of soft synthetic fiber (40) is located upon the top surface of the viscoelastic foam layer (30), and a soft, C-shaped layer of foam (50) covers the first lengthwise edge (14), the bottom surface (12), and the second lengthwise edge (16) of the core (10).

Inventors

WALPIN LIONEL A

Latest standardized assignees - inventors removed

JOBRI

Family 54/100 - FAMPAT - ©Questel

Title

(US5797153)

Orthopedic body pillow

Images

Fig.1

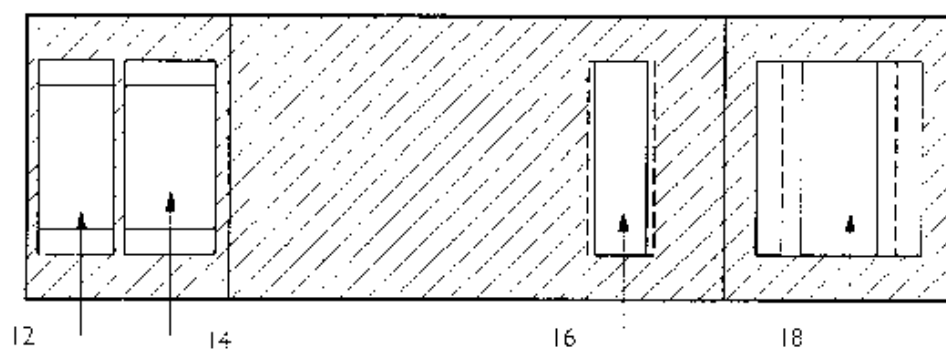


Fig.2

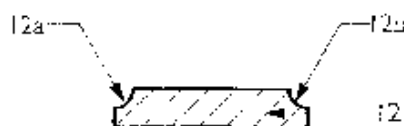
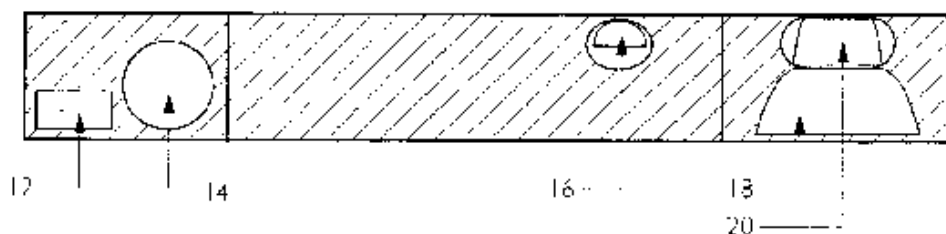


Fig.3

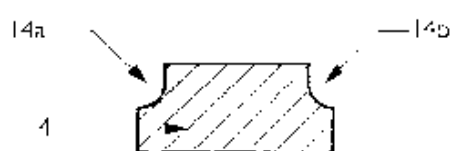


Fig.4

Publication data including kind & date

US5797153

A 1998-08-25 US5797153

**Abstract**

(US5797153)

A sound sleep system and provides a full body length orthopedic posture pillow that maintains correct spinal posture during supine, side lying, and prone sleep positions.

Inventors

AMIOKA JAMES MINORU

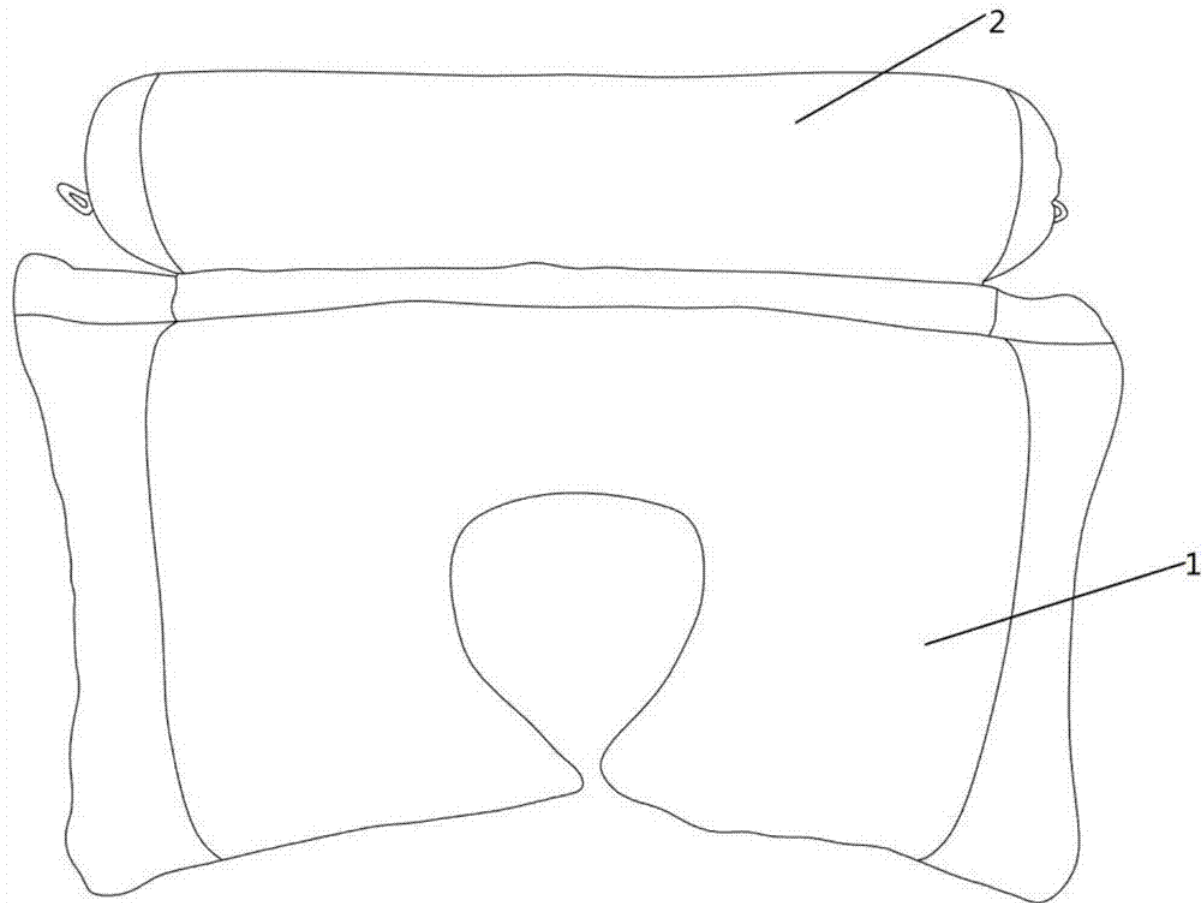
Family 55/100 - FAMPAT - ©Questel

Title

(CN108742018)

Traditional Chinese medicine health-care pillow for cervical vertebra

Images



Publication data including kind & date

CN108742018

A 2018-11-06 CN108742018



Abstract

(CN108742018)

The invention relates to a traditional Chinese medicine health-care pillow for cervical vertebra. The pillow comprises a head pillow part and a neck pillow part. The middle part of one side of the head pillow part is equipped with an opening. The other side of the head pillow part is detachably connected with the neck pillow part. The neck pillow part is in the structure of a cylinder. The height of the neck pillow part is greater than that of the head pillow. The neck pillow part and the head pillow part comprise pillowcases, traditional Chinese medicine bags and pillow inners. The interiors of the pillowcases are filled with the pillow inners and the traditional Chinese medicine bags. The cylindrical neck pillow part and the head pillow part with the opening are designed to be detachable structures. Therefore, the application demand for the health-care pillow in different scenarios is met. Additionally, the height of the neck pillow part is designed to be greater than that of the head pillow part according to the requirements of the neck and head of a person on the comfort of the pillow. In this manner, the head and the neck of a user can be located in a relatively comfortable state when the user is in the lying state. The interiors of the pillowcases are filled with the traditional Chinese medicine bags which can help treat cervical spondylosis and relieve pressure of cervical vertebra.

Inventors

LI SHUBIN

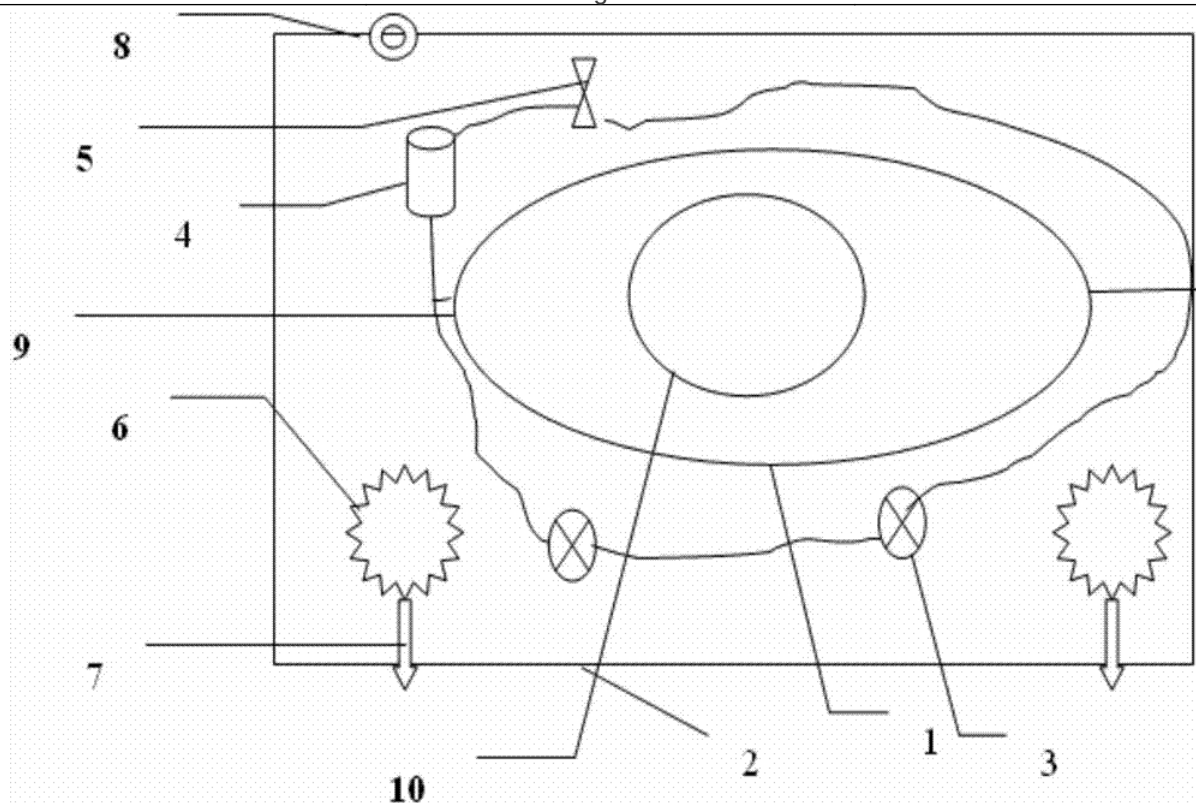
Family 56/100 - FAMPAT - ©Questel

Title

(CN108078309)

Multifunctional intelligent health care pillow and preparation method thereof

Images

**Publication data including kind & date**[CN108078309](#)

A

2018-05-29

CN108078309

**Abstract**

(CN108078309)

The invention relates to multifunctional intelligent health care pillow which comprises a pillow interior (1), a pillow case (2), an electric massage motor (3), a movable power supply (4), a control switch (5), a height adjusting airbag (6), an air inflation device (7) and a power adapter (8). The pillow interior (1) comprises a carbon fiber fabric (9) and a traditional Chinese medicine bag (10) and positioned at the inner center of the pillow case (2), the electric massage motor (3), the movable power supply (4), a power supply control switch (5) and the carbon fiber fabric (9) are connected through electric leads, the pillow case (2) is filled with cotton, and the traditional Chinese medicine bag (10) is embedded into the carbon fiber fabric (9). The intelligent health care pillow can treat insomnia and prevent cervical spondylosis.

Inventors

WANG HAIPENG

TANG MINGDENG

WANG ZHIJUN

ZHANG XIAOLI

LIU JIANJUN

HAN SHENGLI

TANG JIAHUI

ZHANG LINGXIAN

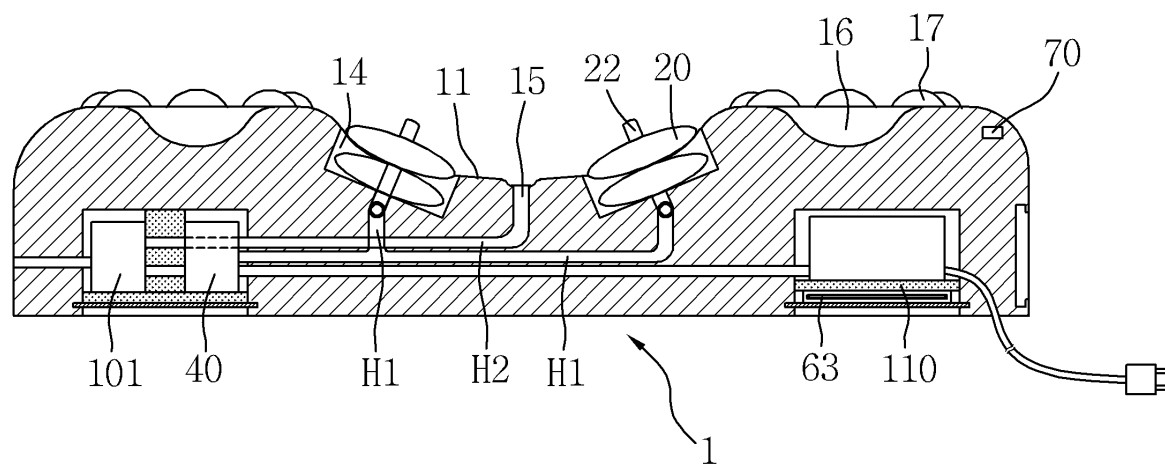
Family 57/100 - FAMPAT - ©Questel

Title

(KR101840442)

Cervical tensile and snoring prevention pillow

Images

**Publication data including kind & date**

KR101840442

B1 2018-03-20

KR101840442

**Abstract**

(KR101840442)

The present invention relates to a pillow for a cervical vertebral tensile strength and for preventing snoring, which makes a force pushing a cervical portion, which is put together by a force in a slanting direction, which is applied when an air pocket filled by air is slantingly expanded to push a cervical portion below an ear in a back part of the neck of a user, and a force in a vertical direction according to a gravity of the head of the user, be applied in the longitudinal direction of the cervical portion, such that the cervical portion is stretched in the longitudinal direction of the cervical portion in order to correct a posture causing a cervical disc. The pillow comprises: a main body (10) which has a convex cervical support part (11) for supporting the cervical portion of a user, and a head supporting part (12) for supporting the head of the user in a rear portion continued with the cervical support part (11); a cervical tensile means in which, when an air pocket (20), mounted on a rear portion of the cervical support part (11) or below a bottom surface of a boundary between the cervical support part (11) and the head support part (12), receives air, the air pocket (20) expands slantingly towards the head of the user to press a contact portion of the back part of the neck of the user, and a force applied to the contact portion of the back part of the neck stretches the cervical portion in the longitudinal direction of the cervical part by means of a resultant force of a force in the slanting direction of the expanding air pocket (20) and a force of a weight of the head in the vertical direction, and when the air supply stops, the air filled in the air pocket (20) is discharged by means of pushing the head of the user to recover an original state; and an anti-snoring means which drives the cervical tensile means when sounds or vibrations of snoring of the user are sensed, induces the head of the user to move, and prevents snoring.

Inventors

TAG OG-NAM

Latest standardized assignees - inventors removed

JINBO CRANE

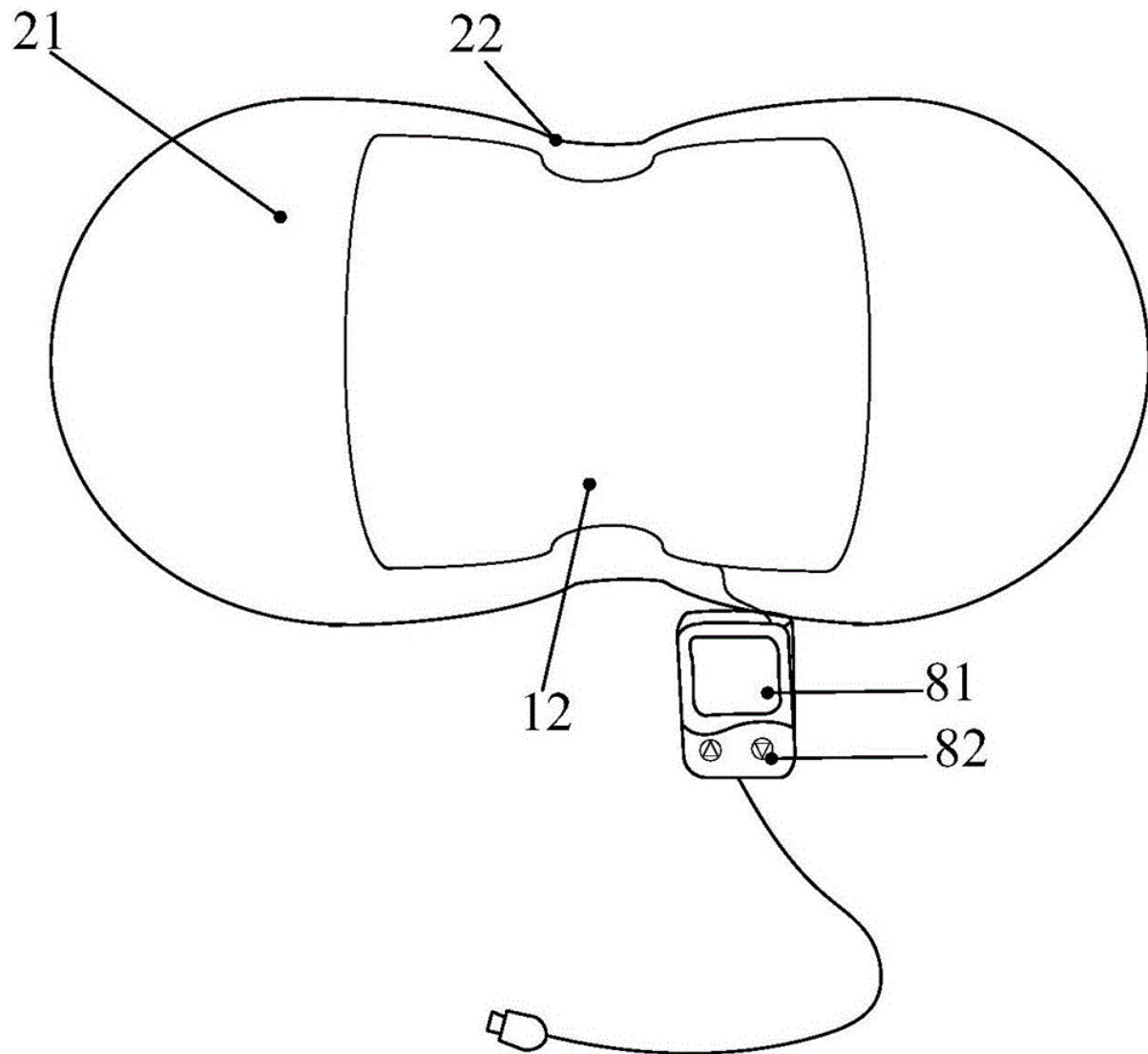
Family 58/100 - FAMPAT - ©Questel

Title

(CN106726100)

Cervical vertebra rehabilitation pillow

Images

**Publication data including kind & date**

CN106726100

A 2017-05-31 CN106726100

**Abstract**

(CN106726100)

The invention discloses a cervical vertebra rehabilitation pillow. The cervical vertebra rehabilitation pillow comprises a base and an upper cover located on the top of the base, double peaks in a bulge shape and a notch which is located between the double peaks and capable of placing the human body cervical part and the head part are formed on the upper cover, and the notch part of the upper cover is provided with a plurality of air holes; electric heating units are fixedly installed or warm water bags are placed on the inner side of the upper cover and on the top of the base solely, or electric heating materials are installed in the position closely contacted with the air holes in the notch, the external part of the notch is wrapped with the electric heating materials charged by USB, and a temperature regulator and a temperature display screen are arranged on a USB connecting line. Four gaskets are arranged at the bottom of the base, and the baskets are connected with the base through bolts. According to the cervical vertebra rehabilitation pillow, the cervical vertebra pillow is heated by the adoption of multiple heating modes, and physiotherapy modes such as moxa, essential oil, drug and the like are arranged.

Inventors

LIU ZHENYU

Latest standardized assignees - inventors removed

BEIJING DAYAYA E COMMERCE

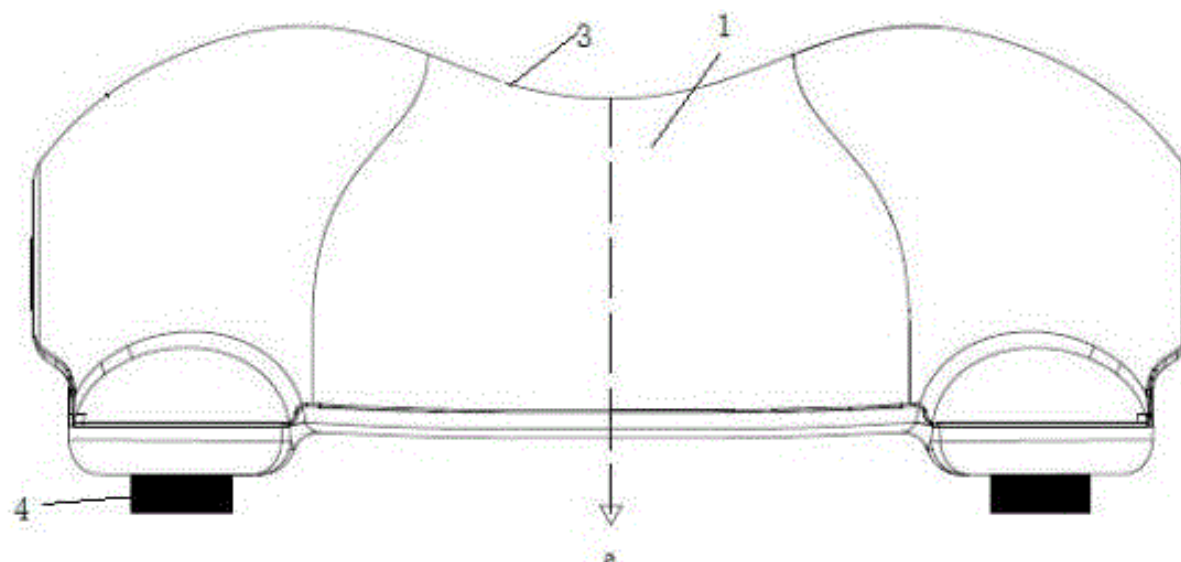
Family 59/100 - FAMPAT - ©Questel

Title

(CN106419369)

Neck pillow

Images

**Publication data including kind & date**[CN106419369](#)

A

2017-02-22

CN106419369

**Abstract**

(CN106419369)

The invention discloses a neck pillow; the neck pillow is integrally in the shape of m and made of hard material; the middle part of the neck pillow is a smooth curve face with symmetrical front and back parts; the longitudinal radians of front and back curve faces of the smooth curve face respectively simulate a physiological curvature of the cervical vertebra of a human body; a cross radian simulates the cross radian of the shape of a neck of the human body. According to the invention, the curve radian of the m shaped pillow is applied to simulate the physiological curvature of the cervical vertebra of the human body; by using mutual effect of the upwards hoisting force of the vertical curve face at the surface of a pillow and the gravity of a patient's head, the neck part of the human body is stressed by frontwards and upwards bidirectional tractions; after using for 15 minutes before sleeping and further repairing by an ordinary pillow in sleeping, the straightening and even inverse pathological state of the cervical vertebra can be corrected, and the normal physiological status of the front convex of the cervical vertebra is recovered, the neck pillow can return bulged cervical intervertebral disc, improve circulation and release cervical vertebra regression.

Inventors

SU PEIQIANG

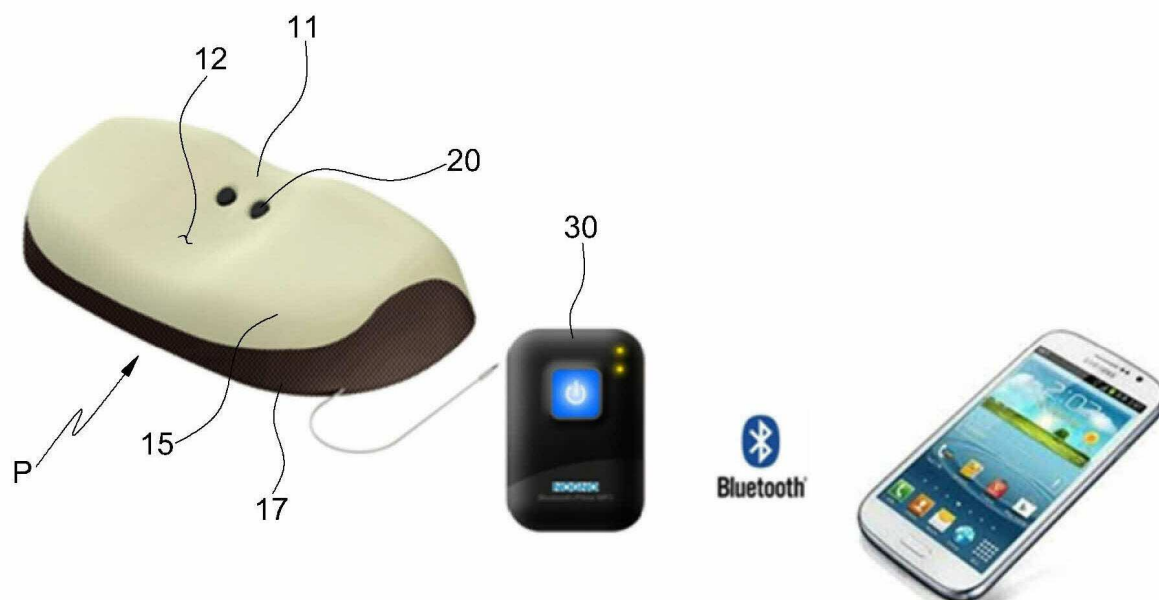
Family 60/100 - FAMPAT - ©Questel

Title

(KR101639395)

Pillow equipped with bone-conduction speaker

Images

**Publication data including kind & date**[KR101639395](#)

B1 2016-07-13

KR101639395

**Abstract**

(KR101639395)

The present invention relates to a bone conduction pillow that allows sound listening by stimulating an auditory nerve via bone conduction in which a cranial bone-forming skull is directly vibrated and, more particularly, to a Bluetooth bone conduction pillow that is provided with a sound amplifier receiving sound data via Bluetooth-based wireless communication with a smartphone, is designed ergonomically so that a neck is comfortably protected and a stable posture is maintained during sleep, and can fit to personal body shapes through height adjustment. The Bluetooth bone conduction pillow according to the present invention includes: a main body having a cervical spine supporting unit supporting a cervical spine, an upper form connected to the back of the cervical spine supporting unit and having an occipital region receiving portion where an occipital region is received, and a lower form connected to a lower portion of the upper form; a bone conduction unit provided between the cervical spine supporting unit and the occipital region receiving portion and stimulating the cranial bone by vibration; the sound amplifier receiving the sound data from a wireless terminal via Bluetooth-based wireless communication, amplifies the sound data, and transmits the sound data to the vibration unit; and height adjustment means for adjusting the height of the main body by adjusting the gap between the upper and lower forms.

Inventors

ROH, GEUN HO

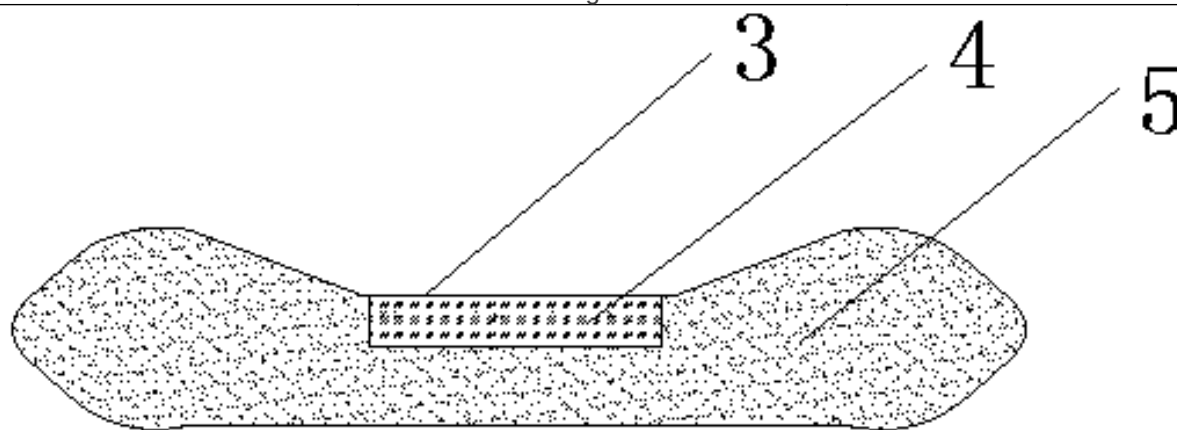
Family 61/100 - FAMPAT - ©Questel

Title

(CN204105569U)

Shape protection and correction dry health care pillow for 0 to 5 years old children

Images

**Publication data including kind & date**

CN204105569

U

2015-01-21

CN204105569U

**Abstract**

(CN204105569U)

The utility model discloses a shape protection and correction dry health care pillow for 0 to 5 years old children. The shape protection and correction dry health care pillow comprises a pillow body, a groove and a health care pillow body; the pillow body comprises a pillow case and filler; the pillow case is formed by biological magnetic cotton fiber health care fabrics; the filler is formed by three-dimensional vertical cotton; the center of the upper end surface of the pillow body is provided with the groove; the health care pillow body is embedded in the groove of the pillow body; the health care pillow body comprises a health care pillow case and a health care pillow filler; the health care pillow filler is formed by a traditional Chinese medicine combination. According to the shape protection and correction dry health care pillow for the 0 to 5 years old children, the pillow case of the pillow main body is formed by the biological magnetic cotton fiber health care fabrics, the internal filler is formed by the curved shape three-dimensional vertical cotton, and accordingly the head of a child can be naturally attached to the pillow; the health care pillow body is embedded in the pillow main body, the effects of heat clearing, nerve soothing, wind dispelling and dampness elimination are achieved through the traditional Chinese medicine combination in the health care pillow body, and accordingly the sleep of the child can be improved; the hardness of the combination is moderate, the shape can be changed along with the lateral movement of the heads, and accordingly the head shaping and correction of the child is facilitated.

Inventors

LIU CHANGHUA

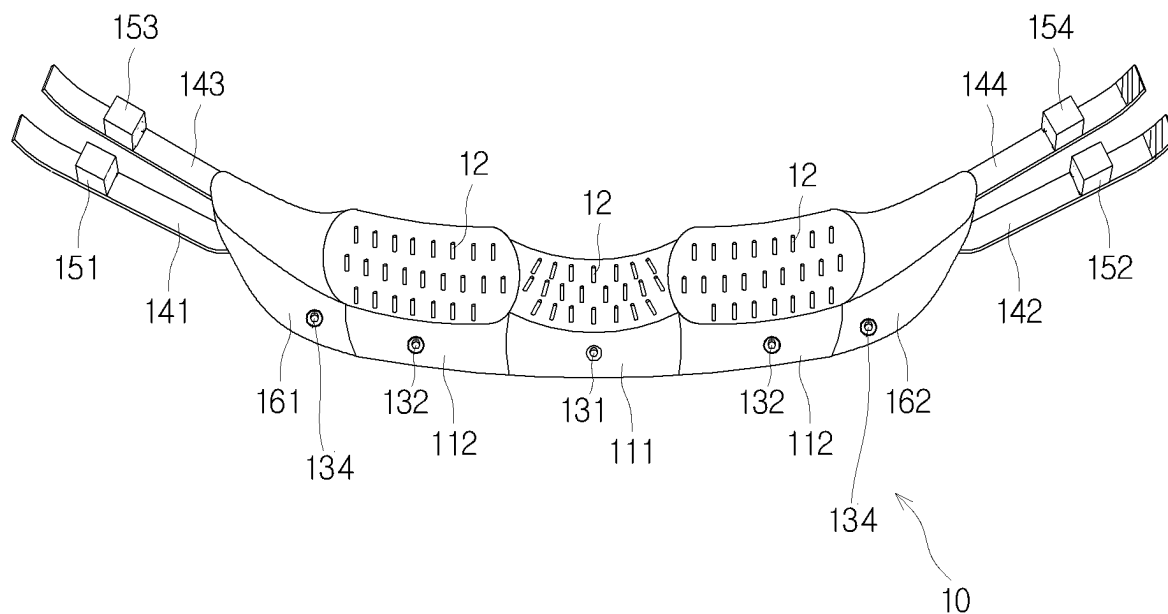
Family 62/100 - FAMPAT - ©Questel

Title

(KR101251837)

Pillow

Images



Publication data including kind & date

KR20120133249	A	2012-12-10	KR20120133249
KR101251837	B1	2013-04-09	KR101251837



Abstract

(KR101251837)

PURPOSE: A pillow is provided to stably support head in consideration of the height of a shoulder when a user lies down to the side. **CONSTITUTION:** A pillow comprises a first support(111), a second support(112), and multiple protrusion bars(12). The first support supports the rear of the head. The second support is combined with both sides of the first support and is thicker than the first support. Multiple protrusion bars are protruded from the top of the second support and first support. The first cushion member is combined with the second support. A fastening member is combined with the first cushion member prevents the cheeks from being pressed. The second cushion member is combined with the fastening member and prevents the nose from being pressed.

Inventors

KIM, WON HEE

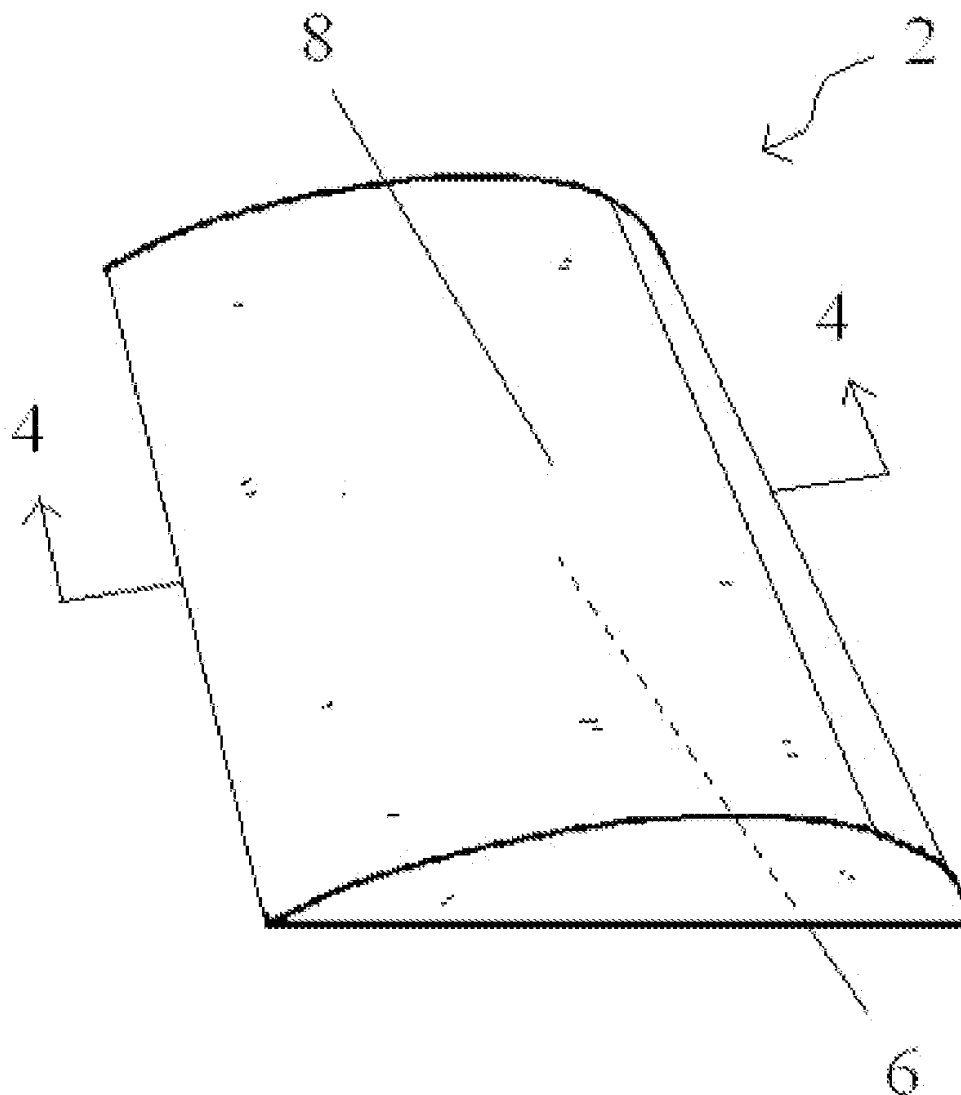
Family 63/100 - FAMPAT - ©Questel

Title

(US8015640)

Multi-position cervical pillow and an adjustable pillow set thereof

Images



Publication data including kind & date

CN101884484	A	2010-11-17	CN101884484
US20110078860	A1	2011-04-07	US20110078860
US8015640	B2	2011-09-13	US8015640
CN101884484	B	2013-05-01	CN101884484B



Abstract

(US8015640)

The present invention pertains to a multi-position cervical pillow and an adjustable pillow set thereof to support a user's head and neck. In a preferred embodiment, the multi-position cervical pillow comprises a rectangular memory foam pad, the transversal cross section of which is bone-shaped with two lobes protruded towards two opposite lateral ends and a shallow trough in between forming a concave head support portion on each of the two support surfaces; said two lobes are different in size and asymmetrical in shape. By inverting and reversing the pillow pad it provides four unique positions. An adjustable pillow set comprises a main multi-position cervical pillow and an unattached ancillary pillow, the upper surface of the latter has a transversally convex, asymmetrical curvature for the main pillow to stack and slide on top of it, forming four stacking configurations, with each providing two unique positions.

Inventors

SUN XI

Latest standardized assignees - inventors removed

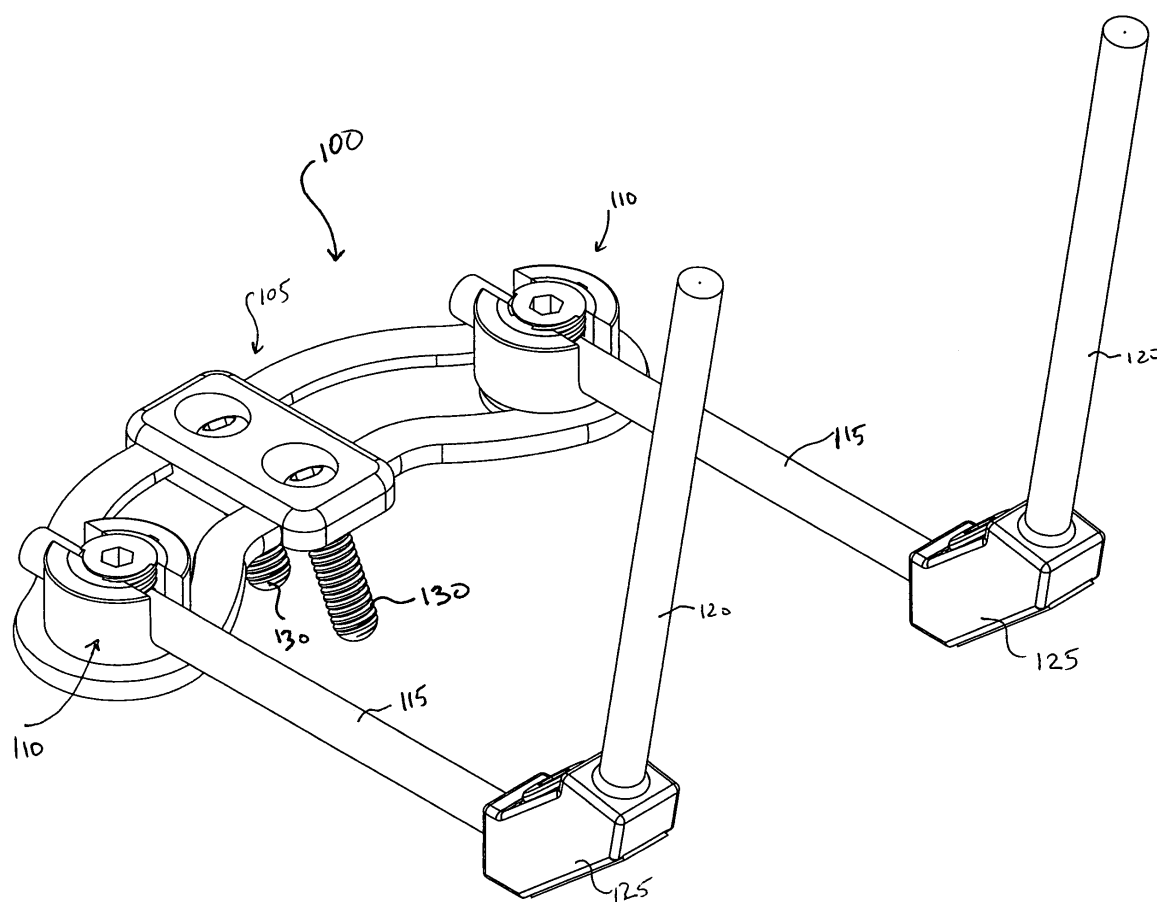
SUN XI

Family 64/100 - FAMPAT - ©Questel

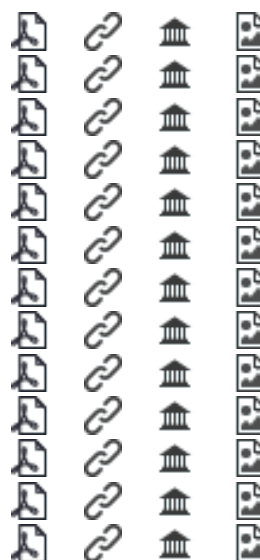
Title

(EP1758511)

Occipital fixation system and method of use

Images**Publication data including kind & date**

WO2005122922	A2	2005-12-29	WO2005122922
US20050288669	A1	2005-12-29	US20050288669
WO2005122922	A3	2006-12-07	WO2005122922
EP1758511	A2	2007-03-07	EP1758511
KR20070041453	A	2007-04-18	KR20070041453
BRPI0512056	A	2008-02-06	BR200512056
BRPI0512056	A1	2008-02-06	BRPI0512056
KR100858306	B1	2008-09-11	KR100858306
EP1758511	A4	2008-12-03	EP1758511
US7618443	B2	2009-11-17	US7618443
US20100121384	A1	2010-05-13	US20100121384
US20120109206	A1	2012-05-03	US20120109206
BRPI0512056	A2	2014-04-01	BR200512056

**Abstract**

(EP1758511)

Disclosed is a multi-axial occipito-cervical connection system that enables an occipital rod to be coupled to a cervical rod in a manner that permits multi-axial, relative movement between the two rods about a predetermined location, such as the heads of the rods. The system includes a locking mechanism that can be actuated to lock the relative positions of the rods. The rods can provide an interconnection between one or more attachments on the skull (such as an occipital attachment) and one or more attachments to the spine (such as spine screws).

Inventors

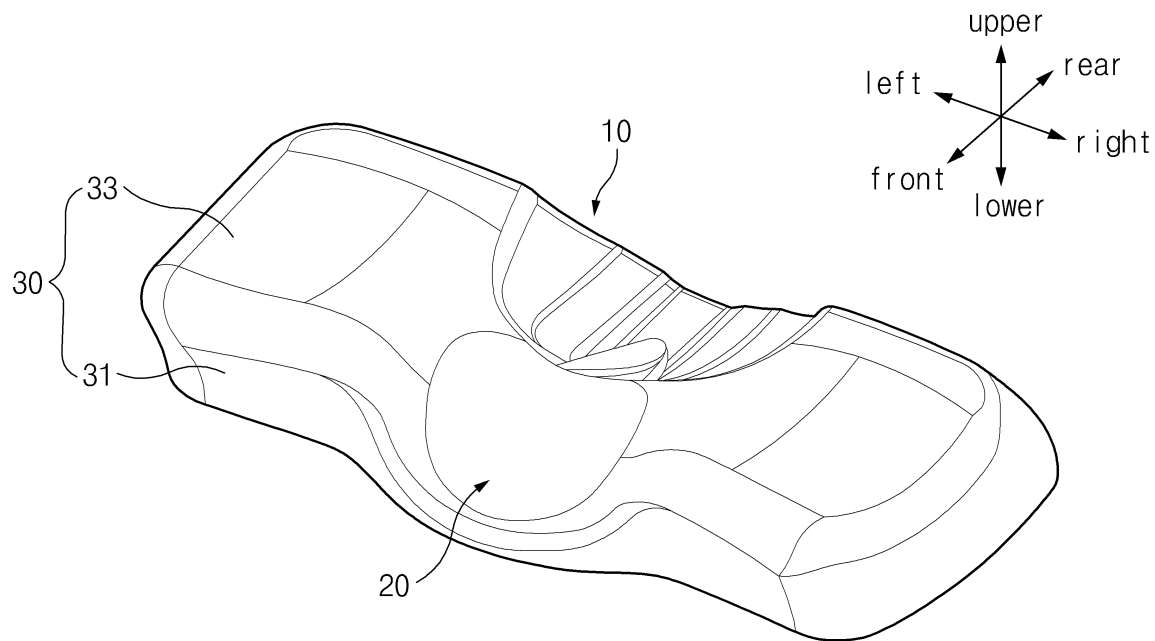
ABDOU M S

Family 65/100 - FAMPAT - ©Questel

Title

(KR101780277)

Pillow for cervical vertebrae adjustment using distraction technic

Images**Publication data including kind & date**

KR20170041060	A	2017-04-14	KR20170041060
KR101780277	B1	2017-10-10	KR101780277

**Abstract**

(KR101780277)

The present invention relates to a pillow for correcting cervical vertebrae using distraction. The pillow for correcting cervical vertebrae using distraction according to an embodiment of the present invention comprises: an occiput accommodation part for accommodating and supporting an occipital part; a cervical vertebrae supporting part for supporting the cervical vertebrae slopingly formed; and a side support part respectively formed on right and left sides of the and the occiput accommodation part and the cervical vertebrae supporting part and supporting the user when the user lays to one side.

Inventors

POLYSTAR CO., LTD.

Latest standardized assignees - inventors removed

T & I

POLYSTAR

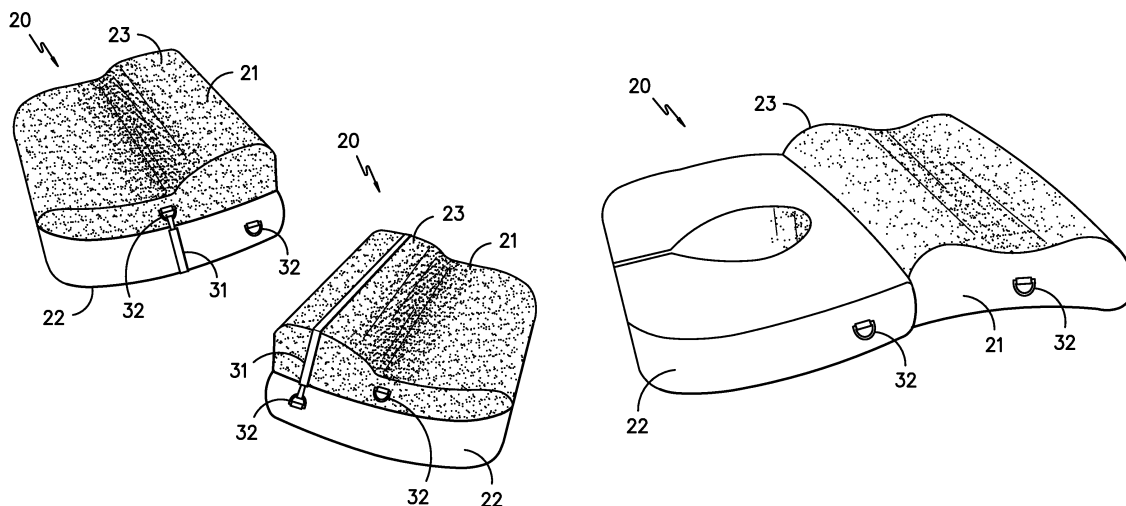
Family 66/100 - FAMPAT - ©Questel

Title

(US10085575)

Folding two section pillow comprised of horseshoe and contour pillows

Images

**Publication data including kind & date**

US20150351564	A1	2015-12-10	US20150351564
US10085575	B2	2018-10-02	US10085575

**Abstract**

(US10085575)

A transformable, multi-function, detachable, foldable, two piece pillow which allows for comfortable and ergonomically correct prone, supine and seated use is provided. The two piece design is comprised of an upper wedged contour pillow and a lower horseshoe pillow, which may be used together or separately. The two pillow design allows for both pillows to be used together in different configurations, or separately to provide for comfortable and ergonomically correct prone, supine and seated use.

Inventors

VOGEL JOSEPH D

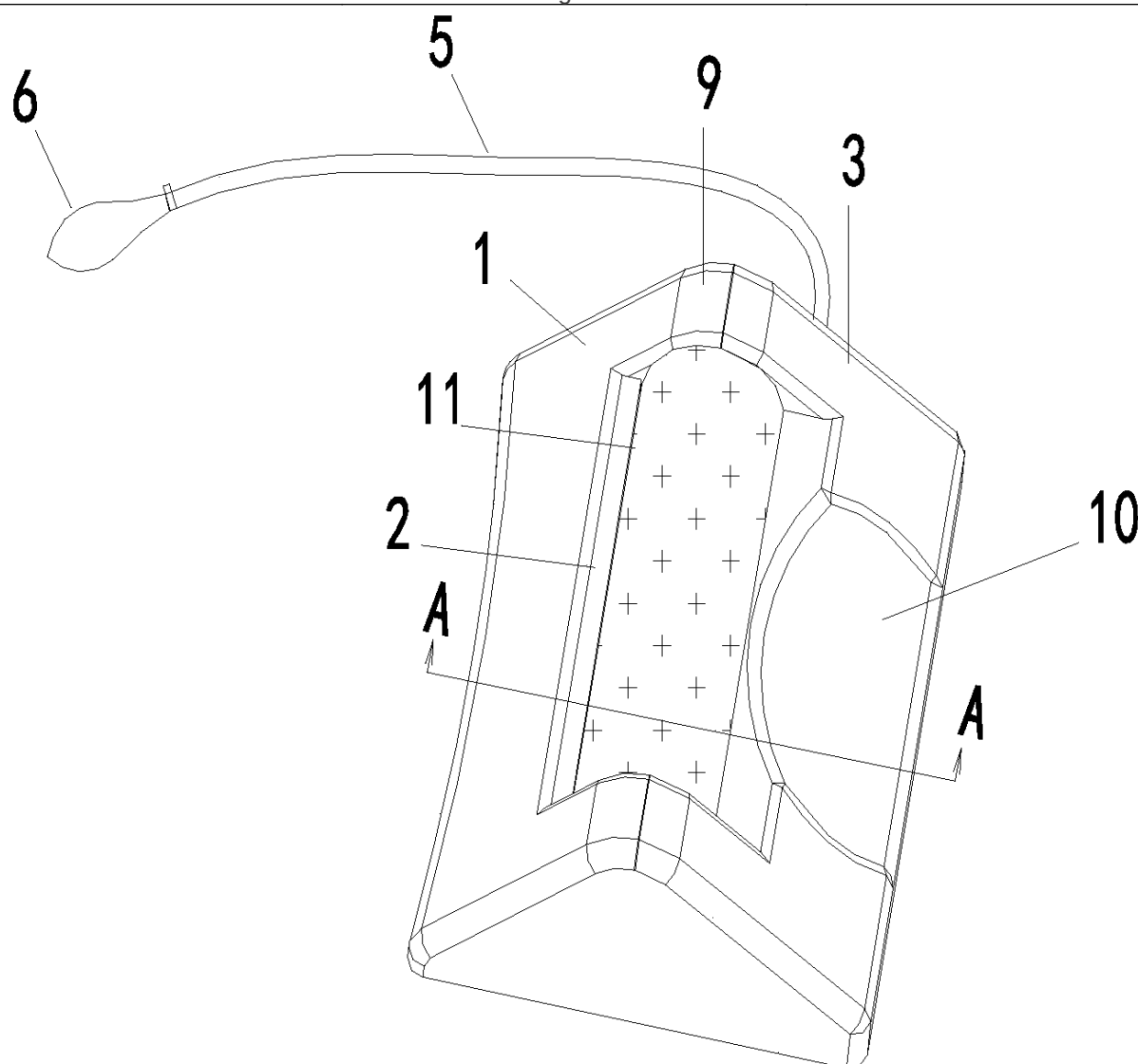
Family 67/100 - FAMPAT - ©Questel

Title

(CN104687925)

Health care pillow capable of shaping

Images

**Publication data including kind & date**

CN104687925

A 2015-06-10 CN104687925

**Abstract**

(CN104687925)

The invention discloses a health care pillow capable of shaping. The health care pillow capable of shaping comprises a shoulder pillow, a neck pillow, a skull pillow, a pillow inner, an air bag, an air pipe, an inflatable ball and a pillow case, wherein the shoulder pillow, the neck pillow and the skull pillow are combined into a whole, and the shoulder pillow is arranged in front of the neck pillow and matched with the curve of the human shoulder. The neck pillow is located in the middle, and the middle of the neck pillow is provided with a horizontal arc groove of 1/3 and can contain the pillow inner. The skull pillow is located at back, a skull concave is arranged on the skull pillow and can prevent the head from deflection leftward and rightward. The air bag is arranged at the bottom of the health care pillow and is connected with the inflatable ball through the air pipe. The pillow case is sleeved outside the shoulder pillow, the neck pillow, the skull pillow, the air bag and the air pipe. The air bag can be inflated by extrusion of the inflatable ball with hands so that the height of the health care pillow can be adjusted to fit for the human body. The health care pillow capable of shaping can prevent cervical spondylosis caused by the physiological curve changed of the cervical vertebra, enables the protruding intervertebral disc to reset, reduces the tortuous and blocking of the vertebral artery, and has the prevention and relieving the function of symptoms of the cervical spondylosis.

Inventors

LIU DEJUN

Latest standardized assignees - inventors removed

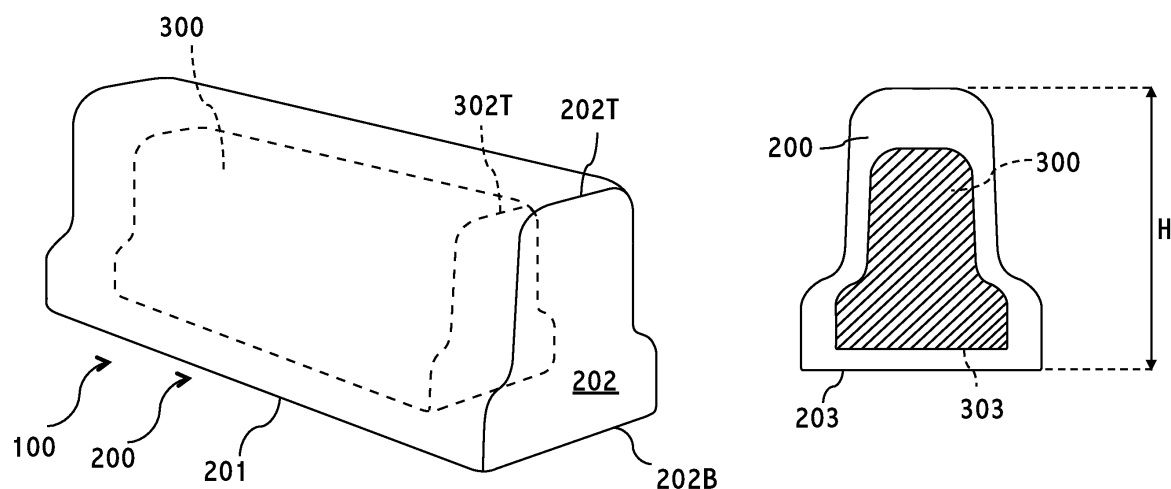
SUZHOU AIJIKANG BIOTECHNOLOGY

Family 68/100 - FAMPAT - ©Questel

Title

(EP2869731)

Orthopedic pillow for treatment and prevention of lumbar and thoracic spine diseases

Images**Publication data including kind & date**

CA2901108	A1	2014-01-16	CA2901108
WO2014009772	A1	2014-01-16	WO201409772
AU2012385226	A1	2015-02-26	AU2012385226
SG11201500977V	A	2015-04-29	SG11201500977V
KR20150048719	A	2015-05-07	KR20150048719
EP2869731	A1	2015-05-13	EP2869731
VN42855	A	2015-07-27	VN--42855
IN0288/MUMNP/2015	A	2016-01-08	IN2015MN00288
US20160037945	A1	2016-02-11	US20160037945
HK1208320	A1	2016-03-04	HK1208320
AU2016273948	A1	2017-01-12	AU2016273948
US9700160	B2	2017-07-11	US9700160
CA2901108	C	2018-02-06	CA2901108
KR20180029231	A	2018-03-20	KR20180029231
AU2016273948	B2	2018-11-08	AU2016273948

**Abstract**

(EP2869731)

An orthopedic pillow comprises a padded member which has a hard block fully inserted inside. The padded member is made of resilient materials. The padded member's shape is roughly similar to that of a rectangular block; however, if looked right from its right or left side, the padded member has a bell shape. The length of the long side of the padded member is roughly equal to an adult's body's width. The hard block is made of non-resilient material. The hard block is able to tolerate, without rupturing, the gravity force on a mass of about 140 kg with a shape and size similar to those of a person's body. The shape of the hard block and of the padded member are similar, and their dimensions are proportional. The length of the long side of the hard block is also roughly equal to an adult's body's width. Both the padded member and the hard block have a flat bottom side.

Inventors

KIM THI PHAM LOAN

Latest standardized assignees - inventors removed

PHAM THI KIM LOAN

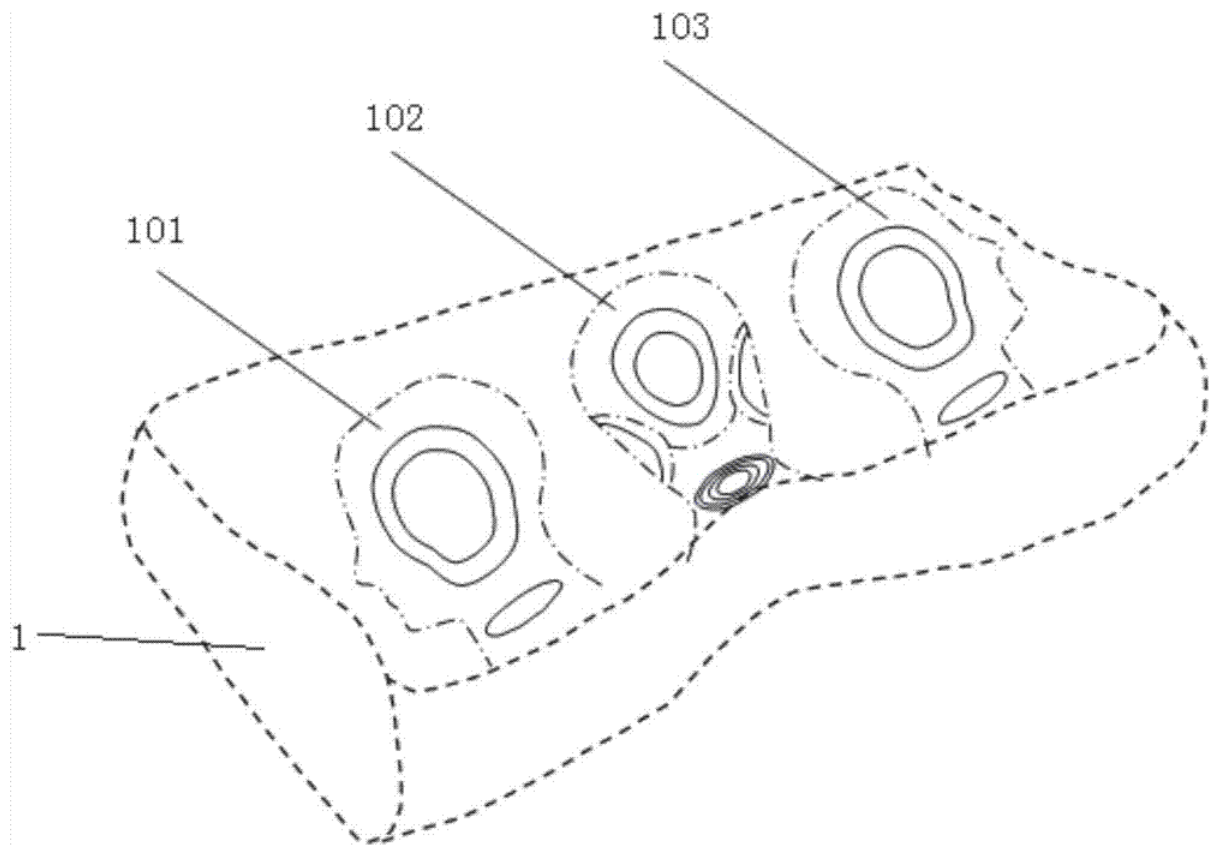
Family 69/100 - FAMPAT - ©Questel

Title

(CN108433476)

Ergonomic pillow, design method and manufacturing process thereof

Images



Publication data including kind & date

[CN108433476](#)

A

2018-08-24

CN108433476



Abstract

(CN108433476)

The invention provides an ergonomic pillow, a design method and a manufacturing process thereof. The ergonomic pillow comprises a pillow inner. The pillow inner longitudinally comprises at least two pillow bodies. The elastic coefficient of at least one pillow body is high, and the elastic coefficient of at least one outmost pillow body is low. The pillow inner is transversely divided into at least one sleeping-on-side regions and/or a sleeping-on-back region. The sleeping-on-back region comprises a first head area and a first neck area. Each sleeping-on-side region comprises a second head area and a second neck area. The comfortable degree can be improved.

Inventors

LI SHIJIE

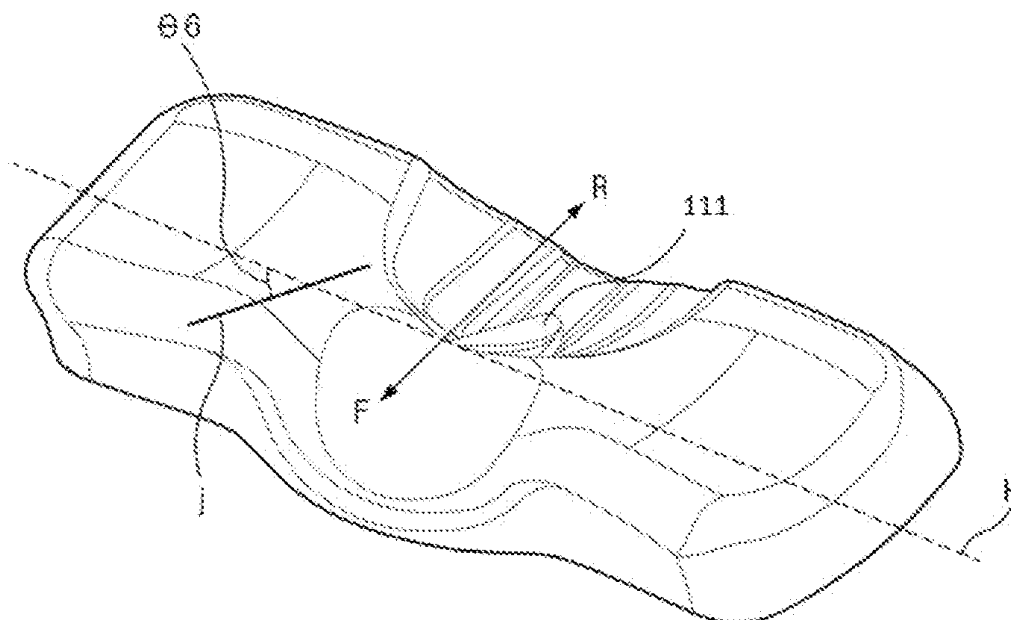
Family 70/100 - FAMPAT - ©Questel

Title

(WO201613723)

Pillow for inducing cerebrospinal fluid circulation

Images



Publication data including kind & date

WO2016013723	A1	2016-01-28	WO201613723
TW201603758	A	2016-02-01	TW201603758
KR20160012439	A	2016-02-03	KR20160012439
KR101610933	B1	2016-04-08	KR101610933
TWI559879	B	2016-12-01	TWI559879
CN106535717	A	2017-03-22	CN106535717
US20170128307	A1	2017-05-11	US20170128307



Abstract

(WO201613723)

The present invention relates to a pillow for inducing cerebrospinal fluid circulation. The pillow for inducing cerebrospinal fluid circulation, according to one embodiment of the present invention, comprises: an occipital region accommodation part accommodating and supporting the occipital region; a cervical vertebrae support part extending from the occipital region accommodation part and supporting the cervical vertebrae; and a fourth ventricle pressurization protrusion protrudingly formed on the occipital region accommodation part.

Inventors

KIM HEE SOO

Latest standardized assignees - inventors removed

T & I

Family 71/100 - FAMPAT - ©Questel

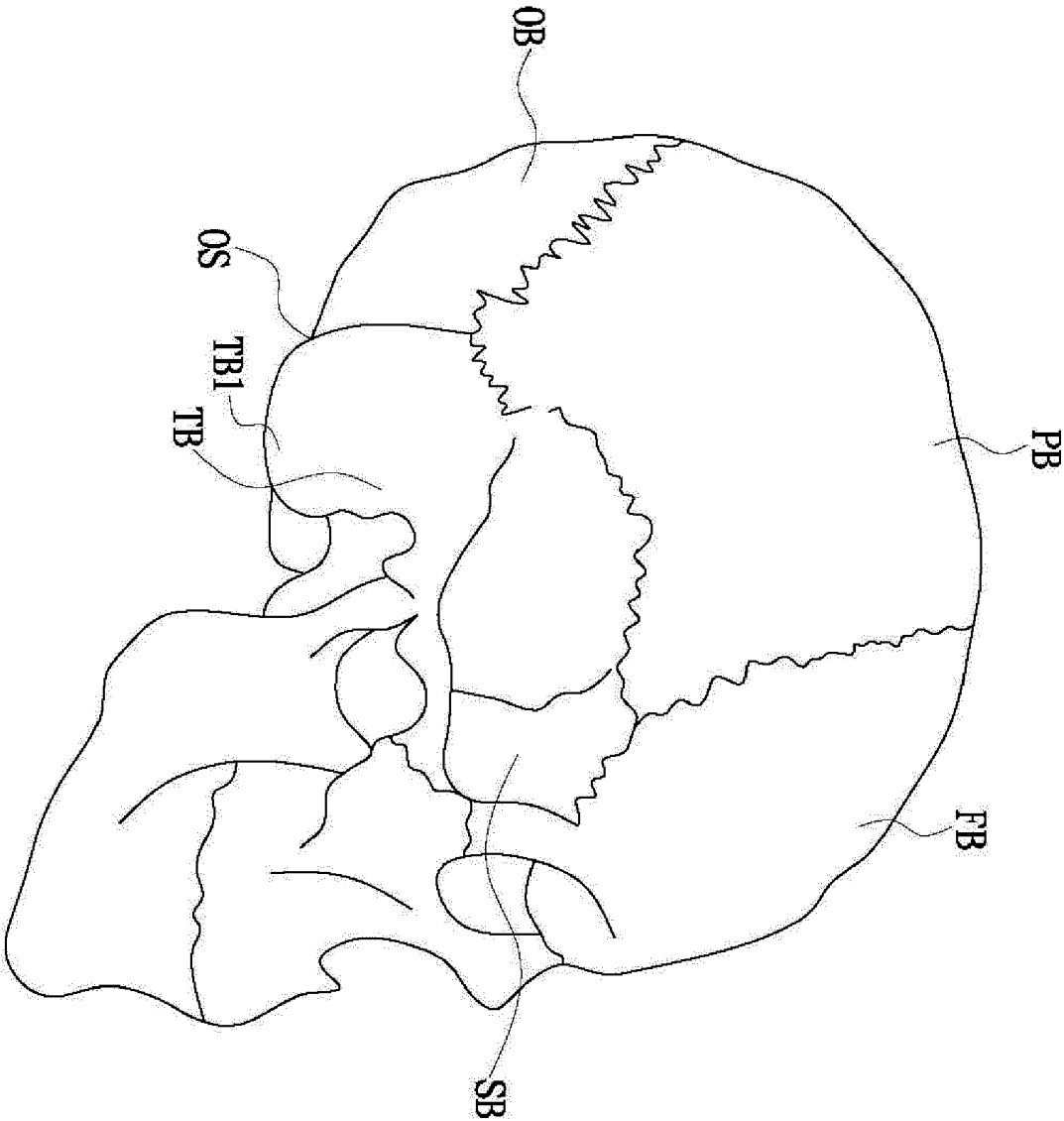
Title

(EP2896393)

Head relaxing pillow

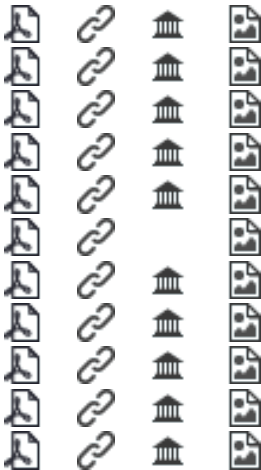
Images

FIG. 1(Prior Art)



Publication data including kind & date

CN104720471	A	2015-06-24	CN104720471
TW201524432	A	2015-07-01	TW201524432
KR20150073838	A	2015-07-01	KR20150073838
JP2015119950	A	2015-07-02	JP2015119950
EP2896393	A1	2015-07-22	EP2896393
HK1207271	A1	2016-01-29	HK1207271
TWI522073	B	2016-02-21	TWI522073
KR101649416	B1	2016-08-18	KR101649416
JP5997228	B2	2016-09-02	JP5997228
CN104720471	B	2017-05-17	CN104720471B
EP2896393	B1	2019-03-13	EP2896393



Abstract

(EP2896393)

The present invention is to provide a head relaxing pillow, which is made of an elastic material and includes a supporting main body having a top for supporting the neck of a user who lies face up and a bottom concavely provided with a recess, two contact portions each having one end connected to one of the two corresponding ends of the supporting main body and the other end corresponding in configuration to one of the user's parietal bones, and a pressing portion extending from one side of the supporting main body and located between the contact portions. The supporting main body is provided with two sunken portions which are adjacent to two corresponding ends thereof respectively. Thus, when the user's neck and head are resting on the supporting main body and the contact portions respectively, the two sunken portions are

corresponding in position to the user's temporal bones respectively.

Inventors

HORNG SY-WEN

HUNG CHI-WEI

Latest standardized assignees - inventors removed

2 F

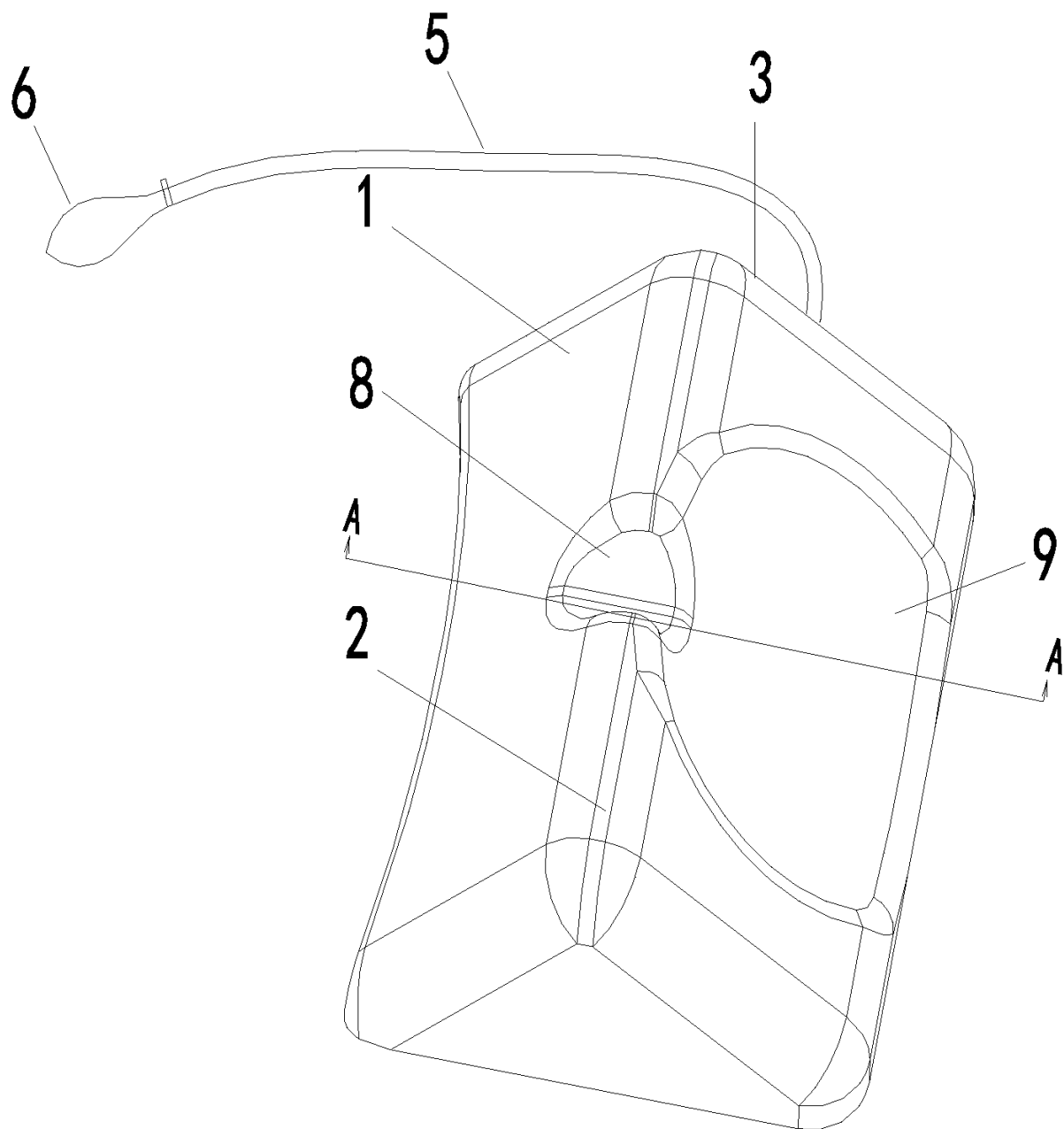
HONGQI TAIPEI DATONG DISTRICT TAIPEI ROAD 155 2ND FLOOR

Family 72/100 - FAMPAT - ©Questel

Title

(CN104687926)

Cervical vertebra health care pillow

Images**Publication data including kind & date**

[CN104687926](#)

A 2015-06-10 CN104687926

**Abstract**

(CN104687926)

The invention discloses a cervical vertebra health care pillow which comprises a shoulder pillow, a neck pillow, a skull

pillow, an air bag, an air pipe, an inflatable ball and a pillow case. The shoulder pillow, the neck pillow and the skull pillow are combined into a whole. The shoulder pillow is arranged in front of the neck pillow and matched with the curve of the human shoulder. The neck pillow is located in the middle, provided with a neck concave and can contain the cervical vertebra. The skull pillow is located at the back, provided with a skull concave and can contain and locate the brain behind the skull. The air bag is arranged at the bottom of the health care pillow and connected with the inflatable ball through the air pipe. The pillow case is sleeved outside the shoulder pillow, the neck pillow, the skull pillow, the air bag and the air pipe. The air bag can be inflated through extrusion of the inflatable ball with hands so that the height of the health care pillow can be adjusted to fit for the human body completely. The cervical vertebra health care pillow can prevent the cervical spondylosis caused by the change of the physiological curve of the cervical vertebra, enables the protruding intervertebral disc to reset, reduces the tortuous and blocking of the vertebral artery, and has the prevention and relieving the function of symptoms of the cervical spondylosis.

Inventors

LIU DEJUN

Latest standardized assignees - inventors removed

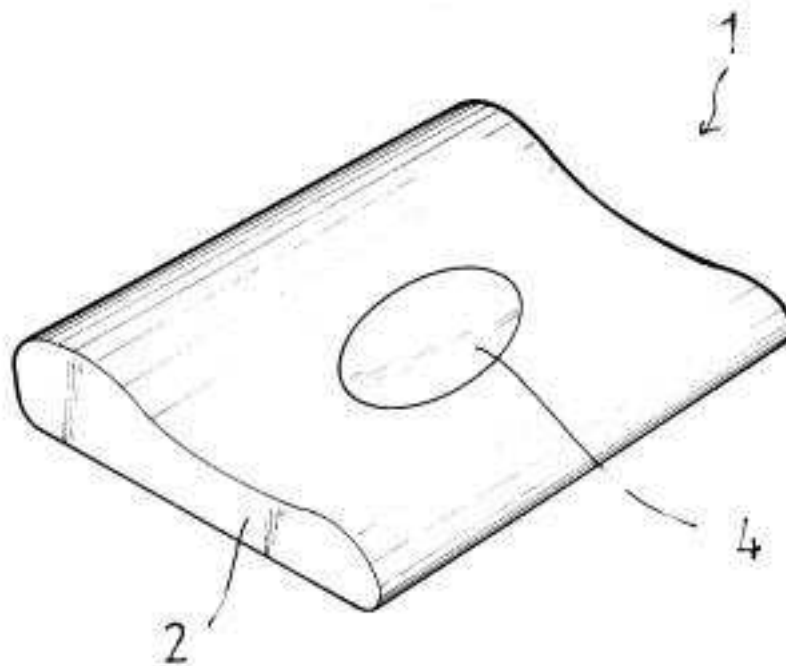
SUZHOU AIJIKANG BIOTECHNOLOGY

Family 73/100 - FAMPAT - ©Questel

Title

(KR20140130885)

A cervical pillow

Images**Publication data including kind & date**[KR20140130885](#)

A

2014-11-12

KR20140130885

**Abstract**

(KR20140130885)

The present invention relates to a cervical pillow. The prior cervical pillow has a problem that a sleeping posture of each user is not reflected to the prior cervical pillow. The present invention aims to provide the cervical pillow that effectively supports an occipital area and a cervical area based on a sleeping habit of a user, has a sterilizing effect of sterilization and treatment using Hinoki cypress and a treatment effect of phytoncide. The cervical pillow is formed in the predetermined

shape to make the cervical area be maintained in the properly contoured shape. The cervical pillow is formed in the shape of 'C' and includes a pillow body and an insertion groove. The pillow body comprises: an occipital area support having a hole in the center thereof; and a cervical area support having a plurality of punched holes. The insertion groove can be inserted into the cervical area support.

Inventors

JANG, YEONG AE

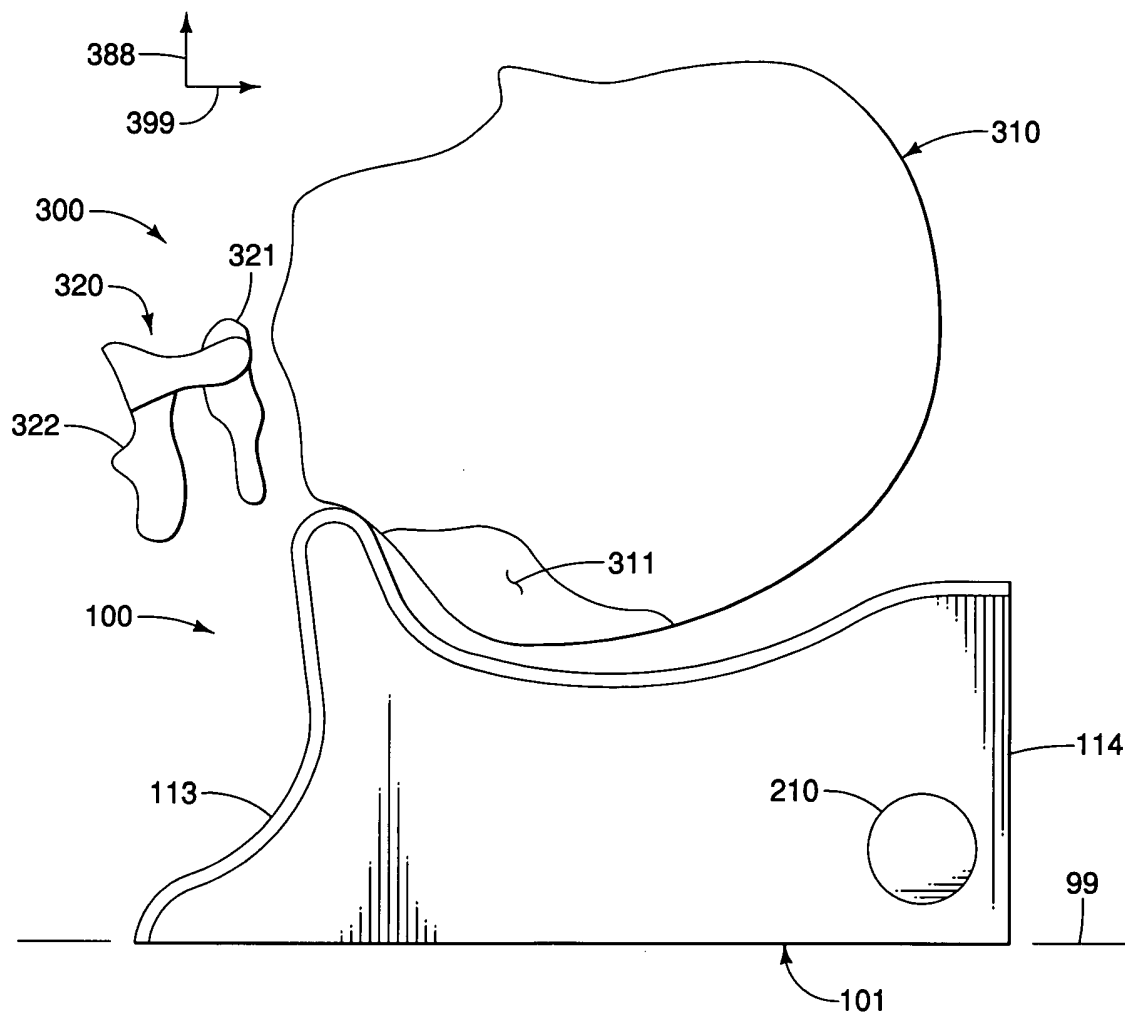
Family 74/100 - FAMPAT - ©Questel

Title

(WO201215466)

Orthopedic device

Images



Publication data including kind & date

WO2012015466	A2	2012-02-02	WO201215466
CA2804576	A1	2012-02-02	CA2804576
US20120024295	A1	2012-02-02	US20120024295
WO2012015466	A3	2012-05-18	WO201215466



Abstract

(WO201215466)

An orthopedic device for treatment of headaches and the like includes a body (100) adapted to substantially support a head of a human patient while the patient is resting in a substantially supine position. The body (100) defines side surfaces (111, 112), a lower surface (101) and an upper surface (102). The upper surface (102) defines a substantially convex protrusion (104) substantially proximate to at least one side surface and a substantially concave depression (103) substantially

portion of the finger from the ground position can be fixed to the central axis of the bottom surface of the fixed pillow having a variable type pillow can be provided. In one embodiment of the present invention, comfort can be felt by the height of the pillow can be adjusted so that, if the user is more comfortable sleep or take an acupuncture effect can be enjoyed. In addition, the finger portion is not moving, by varying the surface of the pillow, and sleep can enjoy an acupuncture effect at the same time.

Inventors

LEE, U GI

Authoritarianism

KIM, MOO YOUL

Latest standardized assignees - inventors removed

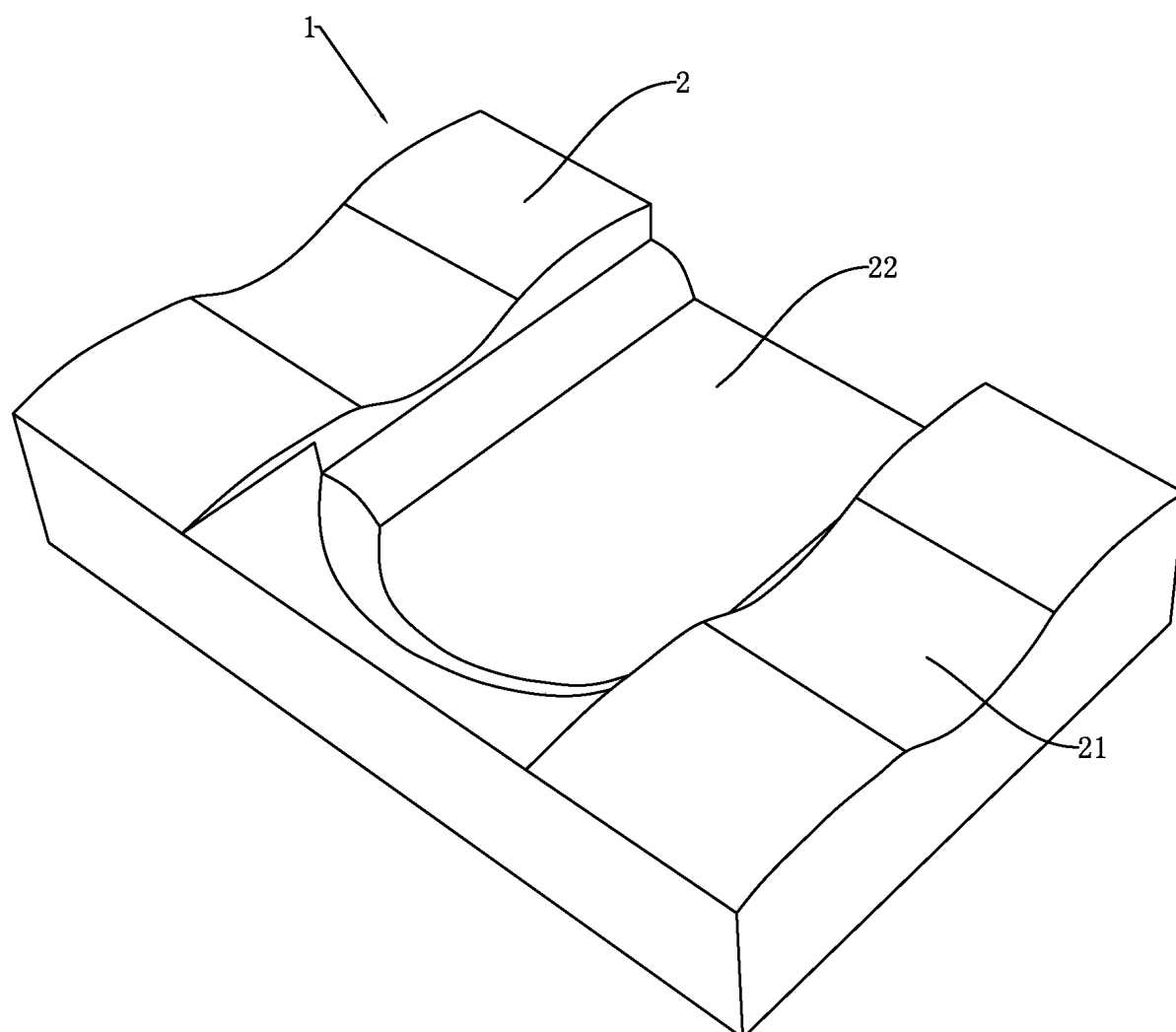
INHA INDUSTRY PARTNERSHIP INSTITUTE

Family 76/100 - FAMPAT - ©Questel

Title

(CN204863780U)

Multi -functional postoperative position pillow

Images**Publication data including kind & date**[CN204863780](#)

U

2015-12-16

CN204863780U

**Abstract**

(CN204863780U)

The utility model relates to a multi -functional postoperative position pillow, it includes: a main part, this main part are the cuboid form, and this main part has an arc concave part, this arc concave part and the parallel middle part of just lining up this main part in the long limit of this main part, still have a U type recess in this main part, the horizontal opening direction

of this U type recess is perpendicular with the long limit of this main part, one prevents pressing the sore pad, should prevent pressing sore pad lock in this U type recess, and should prevent pressing the shape of sore pad and this U type groove phase to match identically. This multi -functional postoperative position pillow is used for each type cervical spondylopathy of orthopedics, and behind the hip replacement, the patient that lies in bed for a long time is used.

Inventors

GU LINA

Latest standardized assignees - inventors removed

HARBIN MEDICAL UNIVERSITY

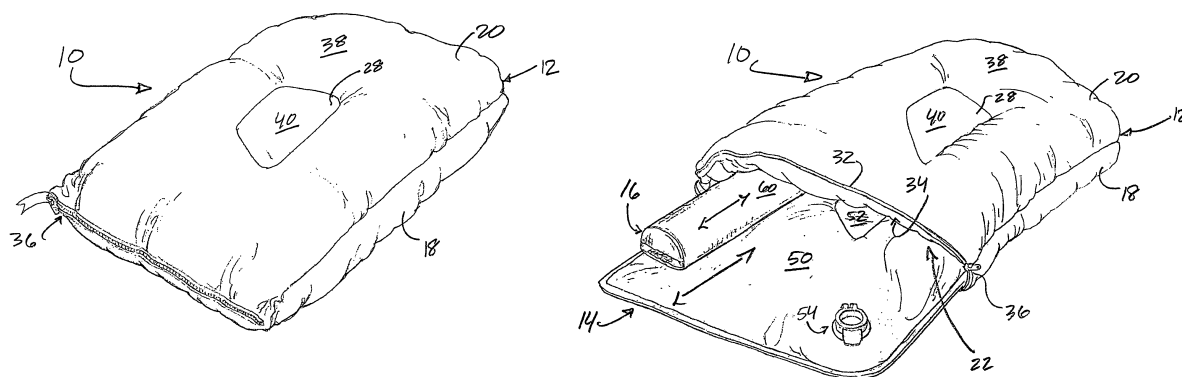
Family 77/100 - FAMPAT - ©Questel

Title

(WO200620545)

Multi-function cervical pillow

Images



Publication data including kind & date

WO2006020545	A2	2006-02-23	WO2006020545
WO2006020545	A3	2007-05-18	WO2006020545
US20090211030	A1	2009-08-27	US20090211030
US7788750	B2	2010-09-07	US7788750



Abstract

(WO200620545)

A multi-function pillow for therapeutic neck and head support is provided. The pillow generally includes first and second pillow sides united so as to form a sealable pillow cavity, and fluid retaining and neck support elements receivable within the cavity. The first pillow side includes a chamber containing a fill material therethrough. The second pillow side includes at least two chambers, at least one chamber of the at least two chambers containing a fill material therethrough, and one chamber of the at least two chambers defining a central depression for the second pillow side. The fluid retaining element, which is substantially co-extensive with the pillow sides, includes a fluid chamber circumscribing a central region thereof which is to underlie the central depression of the second pillow side.

Inventors

NORSTREM PAUL R

Latest standardized assignees - inventors removed

CORE PRODUCTS INTERNATIONAL

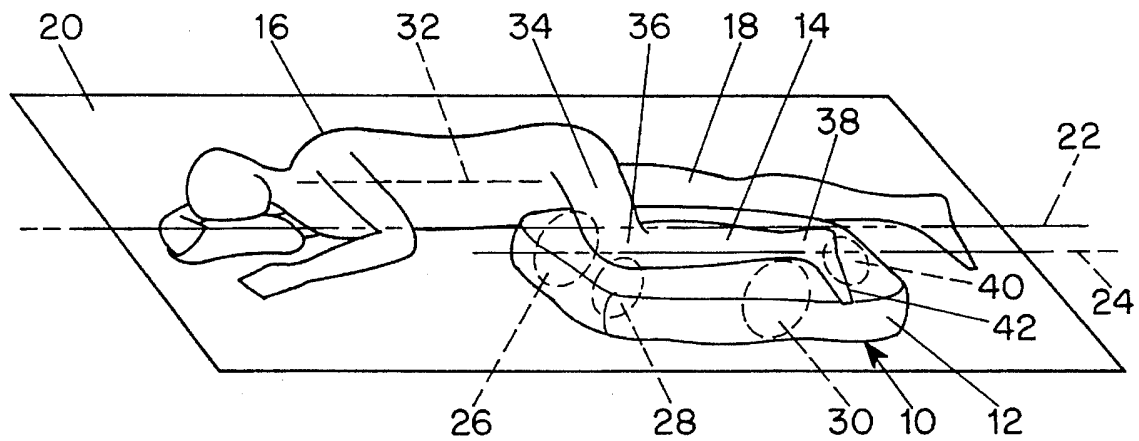
Family 78/100 - FAMPAT - ©Questel

Title

(US5497519)

Orthopedic body pillow

Images



Publication data including kind & date

US5497519

A 1996-03-12 US5497519



Abstract

(US5497519)

An inflatable orthopedic pillow for use by an individual while sleeping in a lateral position. The pillow elevates one leg relative to the other leg, when the person is resting in a lateral position on a substantially planar support surface. The pillow has a pillow body and one or more inflatable chambers disposed within the pillow body for supporting one leg of the person. The chambers are selectively inflatable for supporting one of the legs in the second plane. Thus, the spine is straightened and disposed substantially parallel to the support surface when the person is oriented in the lateral position.

Inventors

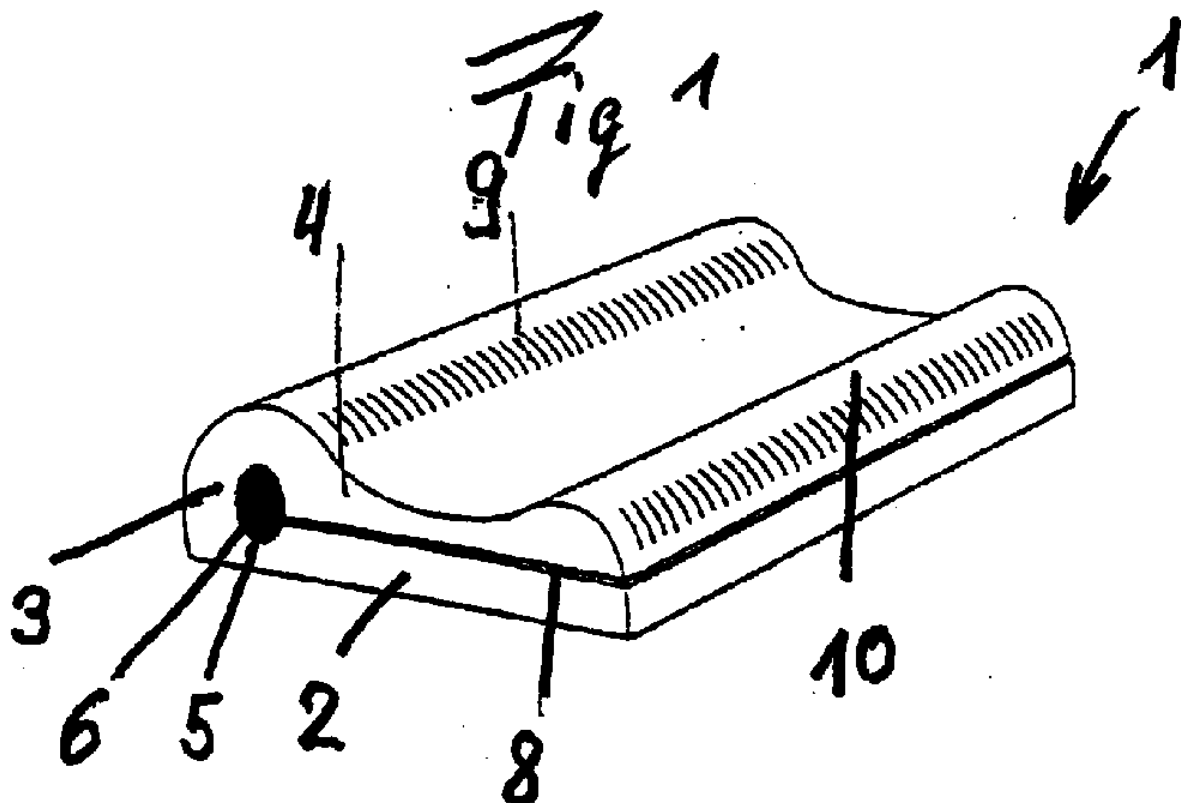
MINTZ ALAN I

Latest standardized assignees - inventors removed

CANON

Family 79/100 - FAMPAT - ©Questel

Images



Publication data including kind & date



DE9215348

U1 1993-03-11 DE9215348

Latest standardized assignees - inventors removed

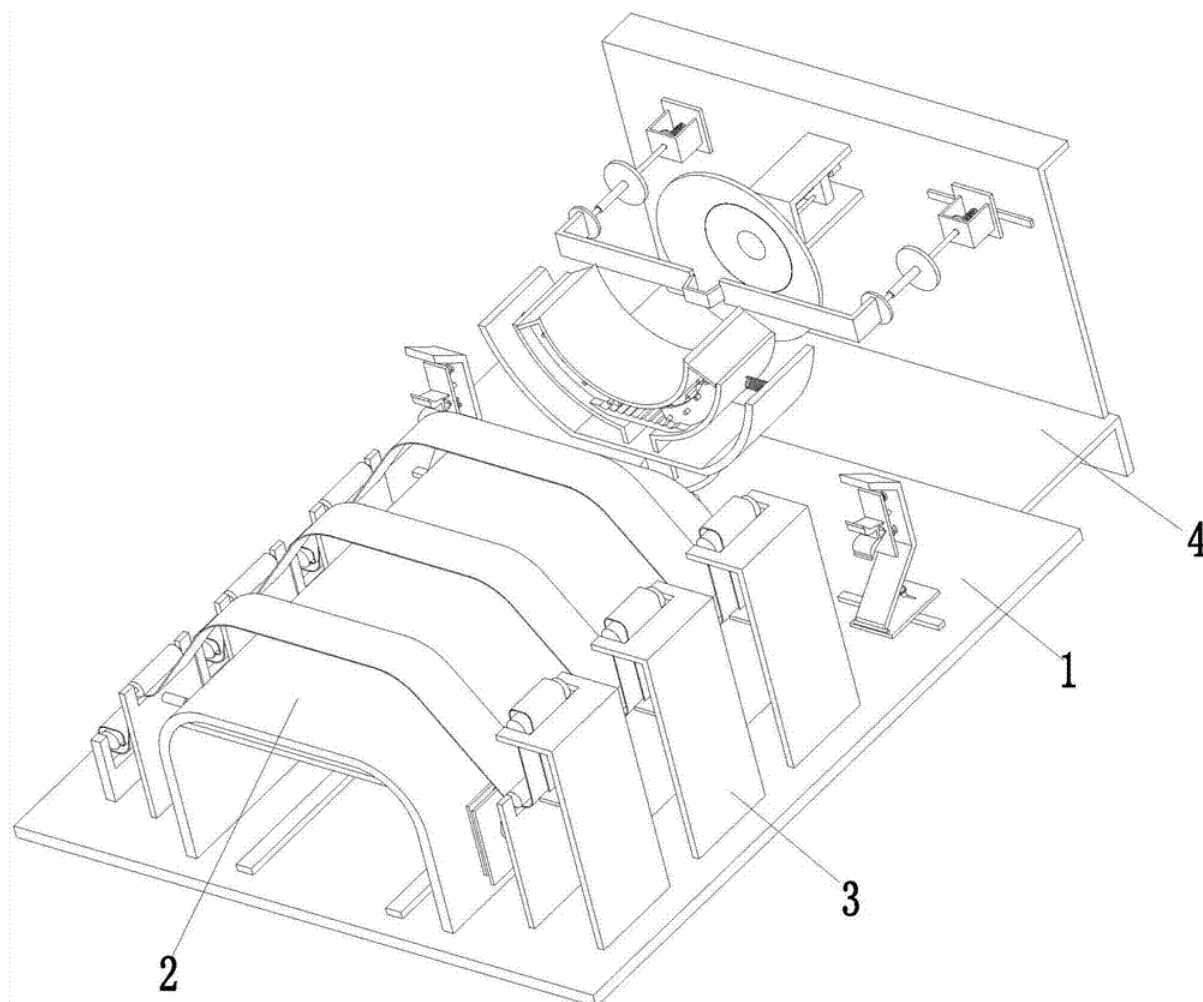
RMT REHAMED TECHNOLOGY 6057 DIETZENBACH

Family 80/100 - FAMPAT - ©Questel

Title

(CN108324528)

Treatment and nursing equipment for patient with cervical spondylosis in hospital department of orthopedics

Images**Publication data including kind & date**

CN108324528

A 2018-07-27 CN108324528

**Abstract**

(CN108324528)

The invention relates to treatment and nursing equipment for patients with cervical spondylosis in a hospital department of orthopedics. The treatment and nursing equipment for the patients with the cervical spondylosis in the hospital department of orthopedics is characterized in that the treatment and nursing equipment comprises an mounting plate; a mobile massage device is mounted in the middle of the upper end of the mounting plate; an abdominal locking device located above the mobile massage device is installed on the mounting plate; a traction nursing device located on the front end of the mobile massage device is mounted on the front end of the mounting plate. The treatment and nursing equipment for the patients with the cervical spondylosis in the hospital department of the orthopedics has the advantage of solving multiple problems existing in the treatment of the cervical spondylosis via an existing treatment and nursing instrument for the patients with the cervical spondylosis, including the problems that the existing treatment and nursing instrument for the patients with the cervical spondylosis is simple so that the patients with the cervical spondylosis are not allowed to move freely due to instrument limitations and need special caregivers for care, which invisibly increases labor intensity of medical

staff; the existing treatment and nursing instrument for the patients with the cervical spondylosis is single; patients' concentration is not enough to relieve pain; the existing treatment instrument can only perform single traction treatment when the patients with the cervical spondylosis also have a problem with a back spine so that the patients' back, neck and shoulders can not be nursed at the same time.

Inventors

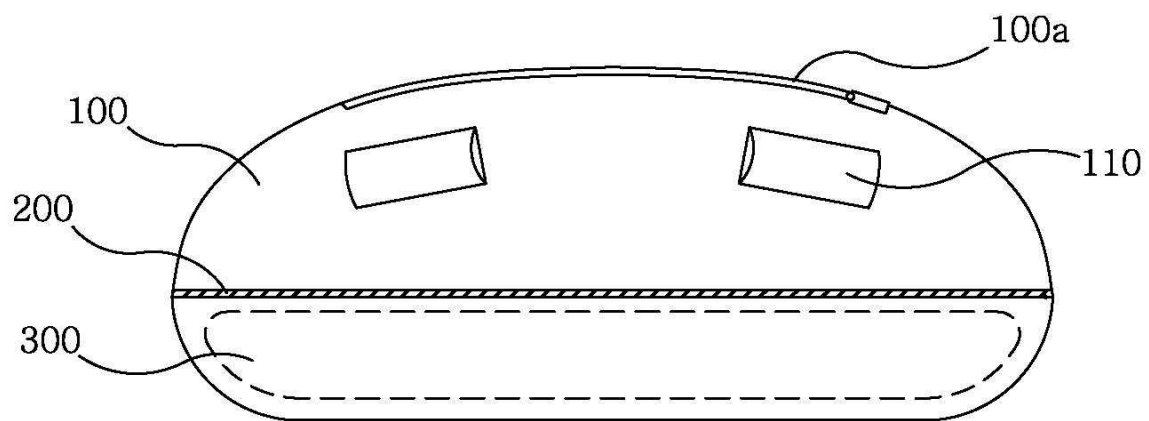
CHEN XIULAN

Family 81/100 - FAMPAT - ©Questel

Title

(KR200486642U)

Pillow for protecting cervical vertebra

Images10**Publication data including kind & date**

KR20180001580	U	2018-05-28	KR20180001580U
KR200486642	Y1	2018-07-23	KR200486642U

**Abstract**

(KR200486642U)

This invention relates to a protective pillow for use in a cervical spine, and more particularly according to the height of a pillow for sleeping position may be differently configured, depending on the height of a user's body can be adjusted to keep the balance of the neck and shoulder during sleep and, head and neck region of the cervical spine by effectively support and protect and correction is possible, wood chips and the smell diffusion material are embedded so as to induce sleep comfort and protection of the cervical spine of a pillow.

Inventors

KIM, JONG LIM

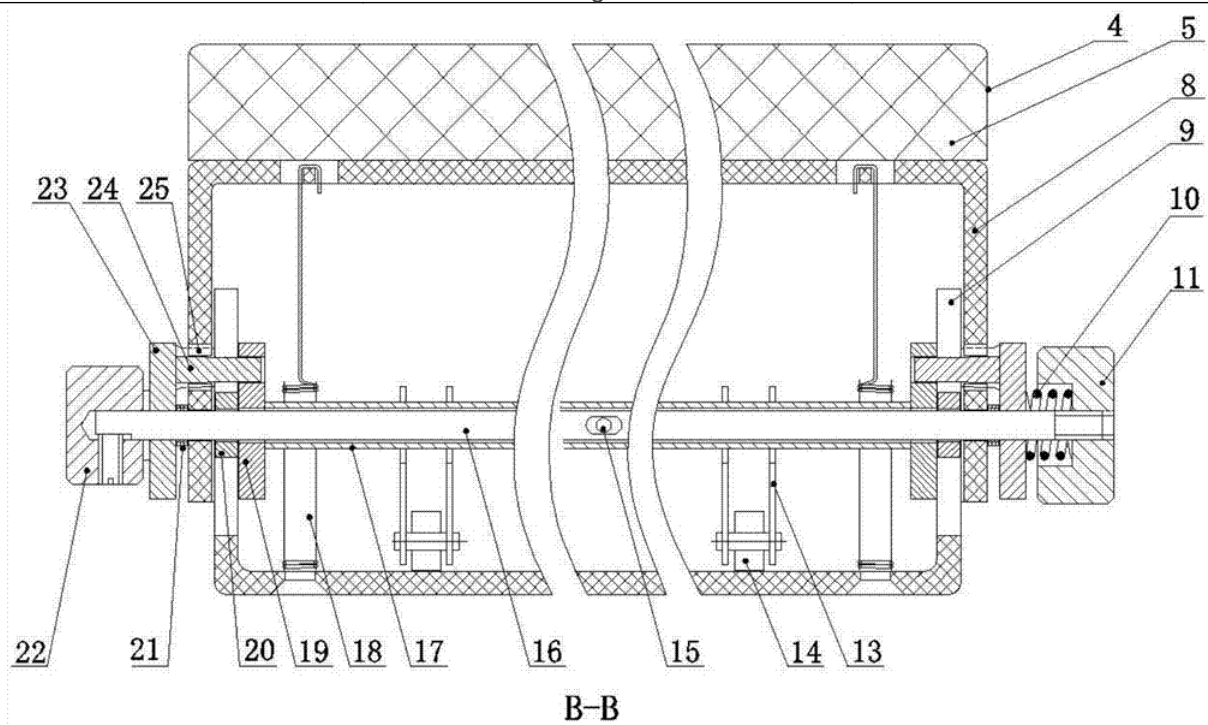
Family 82/100 - FAMPAT - ©Questel

Title

(CN107997863)

Sleep traction pillow

Images

**Publication data including kind & date**

CN107997863

A 2018-05-08 CN107997863

**Abstract**

(CN107997863)

The invention discloses a sleep traction pillow, and belongs to the technical field of medical equipment. The scheme comprises an outer box. The outer surface of the outer box comprises a shoulder vertical face, a support arc and a traction slope which are successively connected adjacently. The height of the outer box is 46.5-86.5 mm, and an included angle of the traction slope and a horizontal plane is 24-45 degrees. The specific structural shape and mechanism of the traction pillow are capable of performing the effective traction to the cervical vertebra in various prone positions; continuously adjusting the height, the front inclination angle and the rear inclination angle, for adapting the general population; in a therapy method of comfortable, progressive and continuous cervical vertebra traction in the sleep, according with the biological nature of a human tissue which is grown and repaired at night; curing without the pain, improving the sleep efficiency, and not occupying the working and learning time; and gradually curing by the daily traction without the easy rebound.

Inventors

HAO GUISHENG

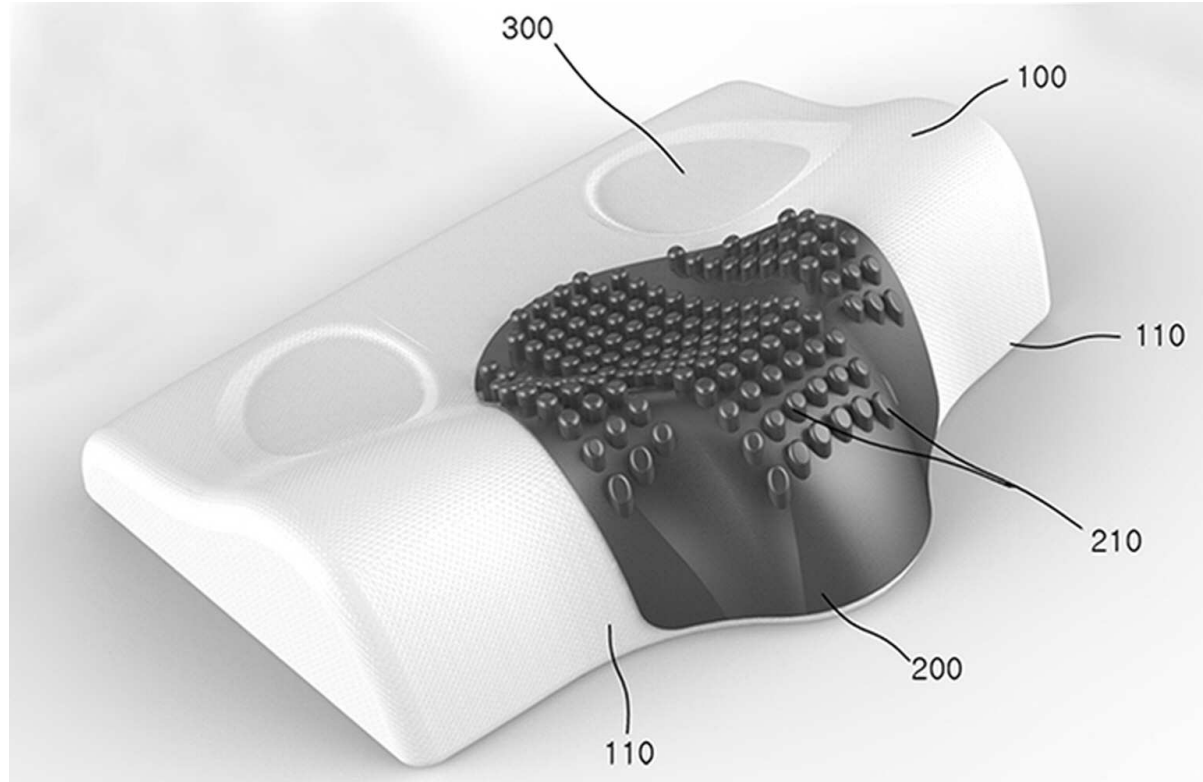
Family 83/100 - FAMPAT - ©Questel

Title

(KR20180031098)

the cervical vertebrae acupressure treatment pillow

Images

**Publication data including kind & date**[KR20180031098](#)

A

2018-03-28

KR20180031098

**Abstract**

(KR20180031098)

The present invention relates to a pillow. More specifically, the present invention relates to a functional acupressure pillow for cervical spine, capable of applying acupressure on a cervical spine portion. To this end, the functional acupressure pillow comprises: a main body having a shape whose front is high while getting low as going toward the back; a cervical spine acupressure part protruding forward than a left and right front line along a central portion on a front side of the main body to support the cervical spine; a plurality of acupressure projections formed on an outer surface of the cervical spine acupressure part; and an auxiliary function part formed to sink or protrude symmetrically to right and left sides of a rear flat portion of the main body.

Inventors

MA, SUNG MIN

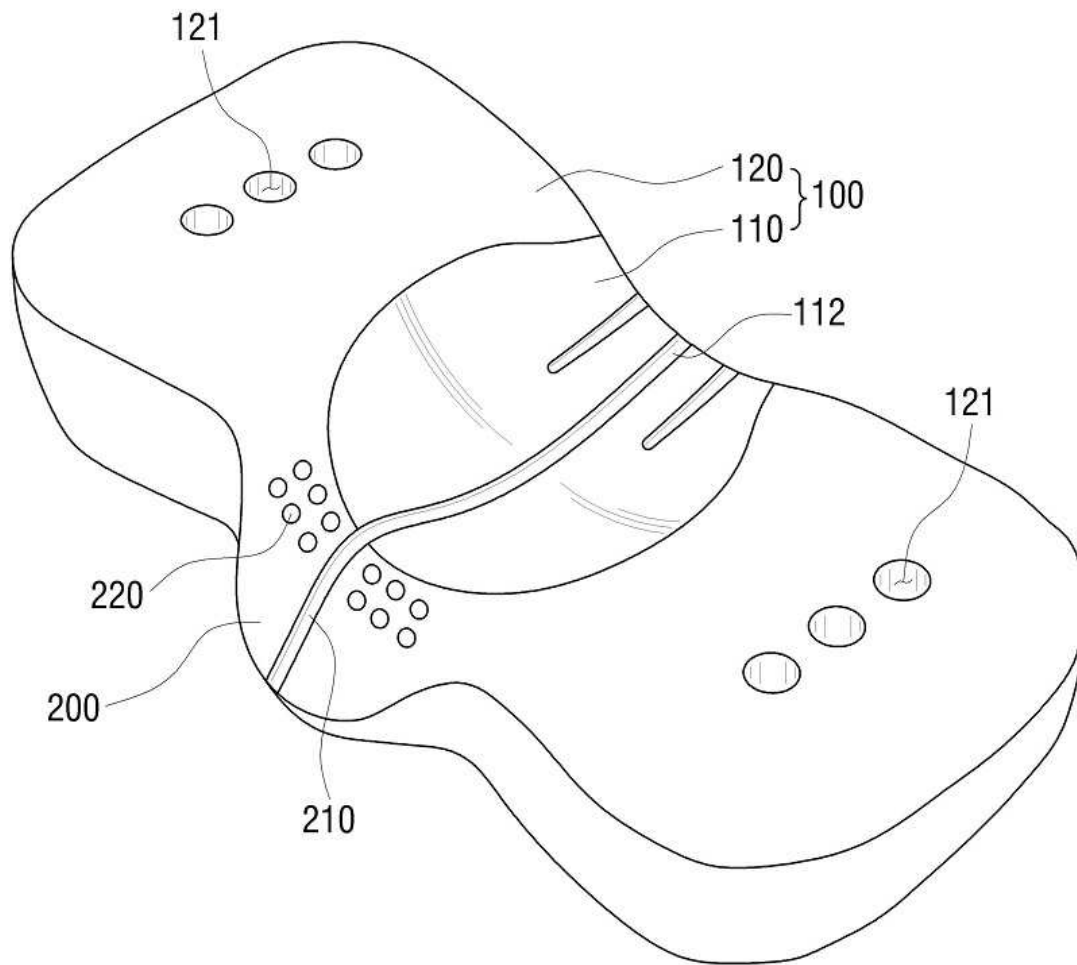
Family 84/100 - FAMPAT - ©Questel

Title

(KR101818572)

Neck pillow for maintaining c-type cervical vertebra

Images

**Publication data including kind & date**[KR101818572](#)

B1 2018-01-16 KR101818572

**Abstract**

(KR101818572)

Disclosed is a neck pillow which stably supports cervical vertebra connected to a head of a human in a lie-down posture to correct a form thereof into a C shape. For the purpose, the present invention provides a pillow comprising: a head support portion composed of a central support portion having a curved recess surface, and a side support portion formed to be extended from both ends of the central support portion, and have a plurality of punched holes on the upper part thereof and an insertion-joint groove communicating with each punched hole in order to be able to support a head when a user lies on side; a neck support portion disposed on the front side of the central support portion and having a curved projecting surface to support a neck in a C shape; and a housing inserted and joined into the insertion-joint groove and having a through-hole formed on the side opposite to the punched hole. According to the present invention, sleeping operation is not interfered and a C shape of cervical vertebra is naturally maintained, and muscles are helped to be relaxed, thereby enabling a user to correct and treat cervical vertebra.

Inventors

KIM, MAN SOO

YOON, KI JU

Latest standardized assignees - inventors removed

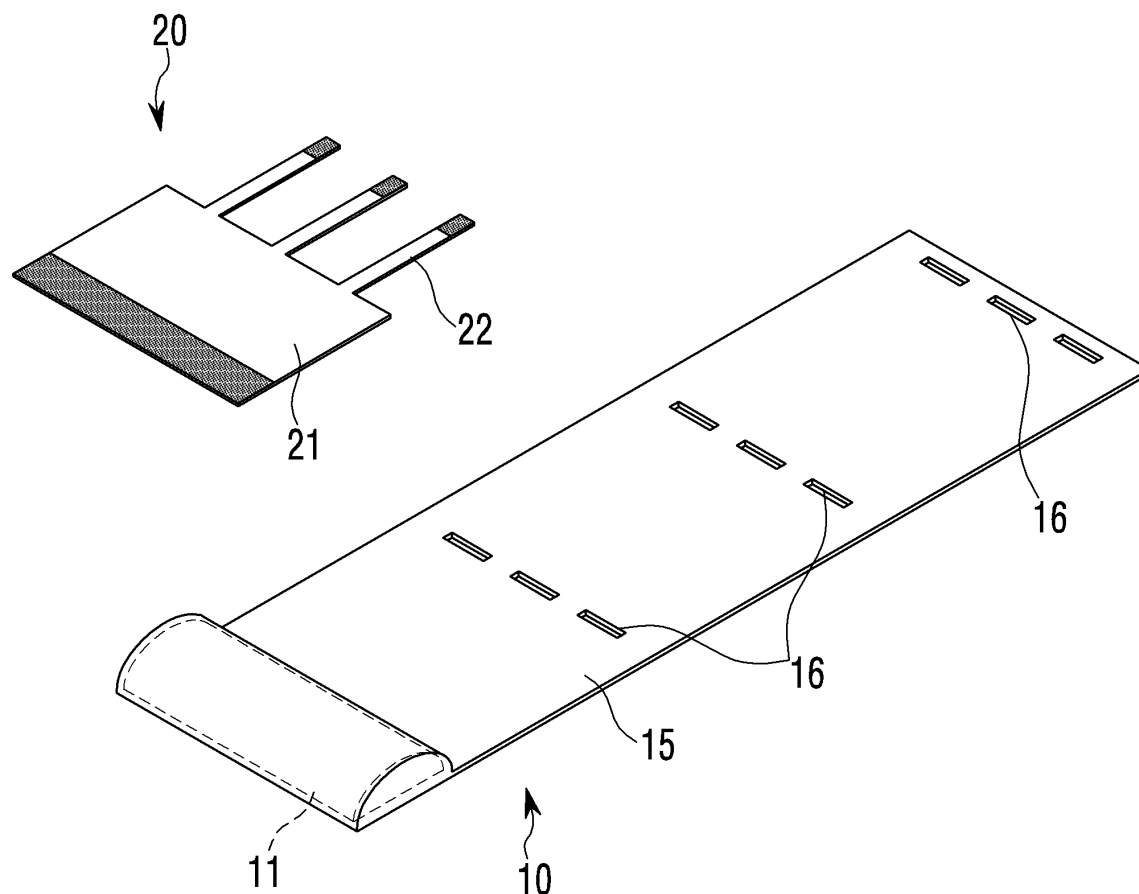
GAVIN S & C

Family 85/100 - FAMPAT - ©Questel

Title

(KR101536821)

Pillow for Protecting Cervical Vertebral

Images**Publication data including kind & date**

KR20150054115	A	2015-05-20	KR20150054115
KR101536821	B1	2015-07-15	KR101536821

**Abstract**

(KR101536821)

The present invention relates to a pillow for cervical vertebrae, capable of the height being adjusted depending on a user body type and, more specifically to a pillow comprising: a core (11) having a semicircular section structure, and a mat (15) bonded with the core protruding upward from the top end, wherein the core is coiled around the mat and fixed by binding with a belt (20), and the height of the pillow is adjusted by the thickness of the mat according to the number of times of coiling by the core. Therefore, manufacturing cost is inexpensive by the simple structure, and convenience of use is excellent by a simple adjustment of height depending on the users body type.

Inventors

SHIN, WOO YEOL

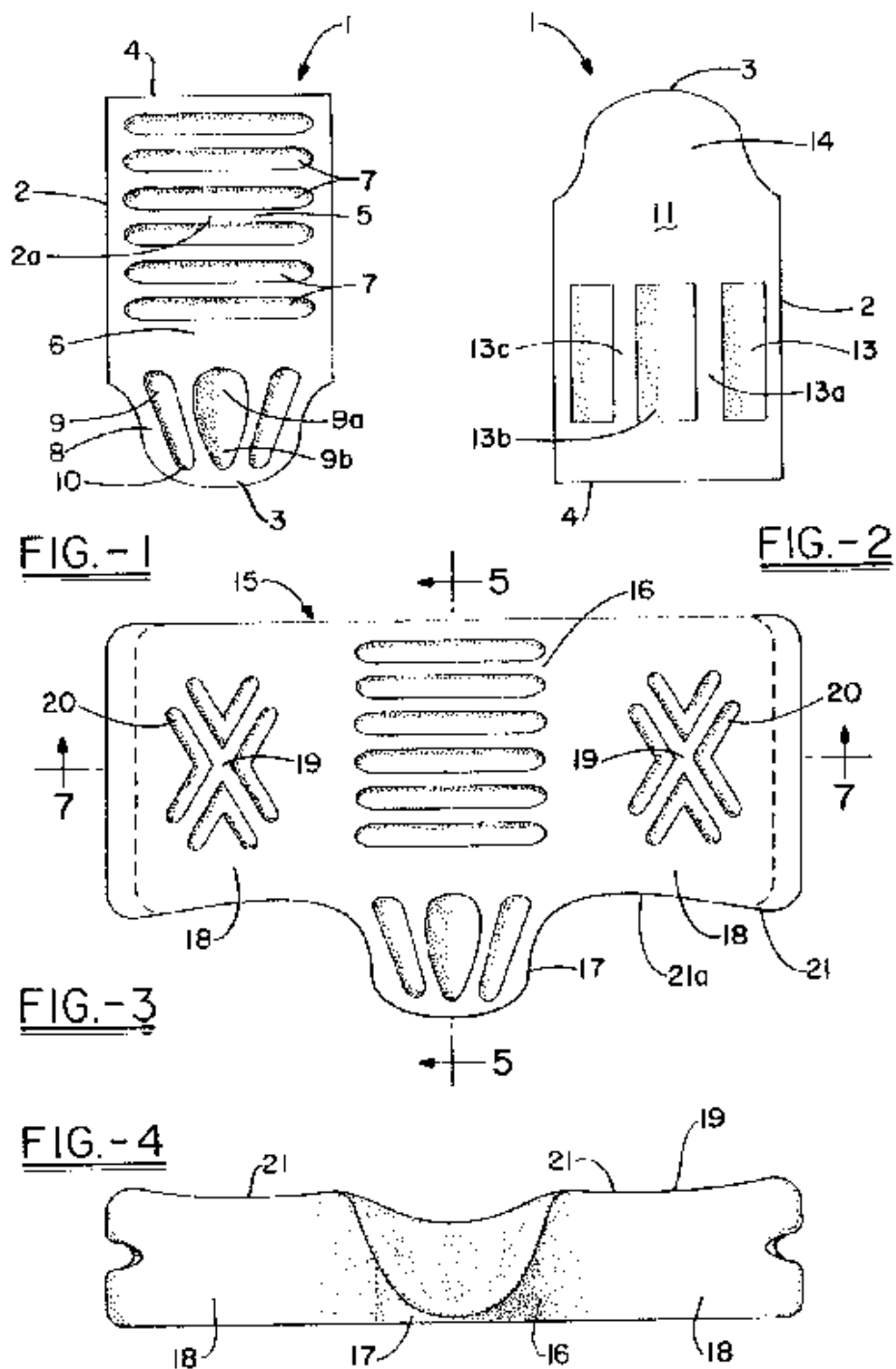
Family 86/100 - FAMPAT - ©Questel

Title

(EP-957735)

Therapeutic sleeping pillow

Images



Publication data including kind & date

WO9709913	A1	1997-03-20	WO9709913
CA2232020	A1	1997-03-20	CA2232020
AU6868196	A	1997-04-01	AU9668681
US5727267	A	1998-03-17	US5727267
JPH11512305	A	1999-10-26	JP11512305
EP0957735	A1	1999-11-24	EP-957735
EP0957735	B1	2001-10-04	EP-957735
AT206297	T	2001-10-15	ATE206297
DE69615715	D1	2001-11-08	DE69615715
DE69615715	T2	2002-07-11	DE69615715



CA2232020

C 2003-05-27 CA2232020

Abstract

(EP-957735)

The present invention provides a therapeutic pillow (15) with enhanced ability to support the head, neck and upper back of the user when the user is sleeping either on his or her back or side positions, referred to in this disclosure as the back sleeping and side sleeping positions, respectively. In one embodiment the invention provides a generally rectangular shaped section (16) of suitable resilient form-retaining material, having a centrally disposed cavity in its upper surface which cavity is adapted to support the head of the sleeper. The cavity merges with the forward edge of the pillow (15) and through a smooth arcuate neck supporting section into a generally wedge shaped extension (17) or boss which extends substantially beyond the front edge of the pillow (15) and which is adapted to support the upper back of the user.

Inventors

KEILHAUER ED

Latest standardized assignees - inventors removed

CURRAN JAMES

CORE PRODUCTS INTERNATIONAL

EDWARD KEILHAUER MARKETING

KEILHAUER RICK

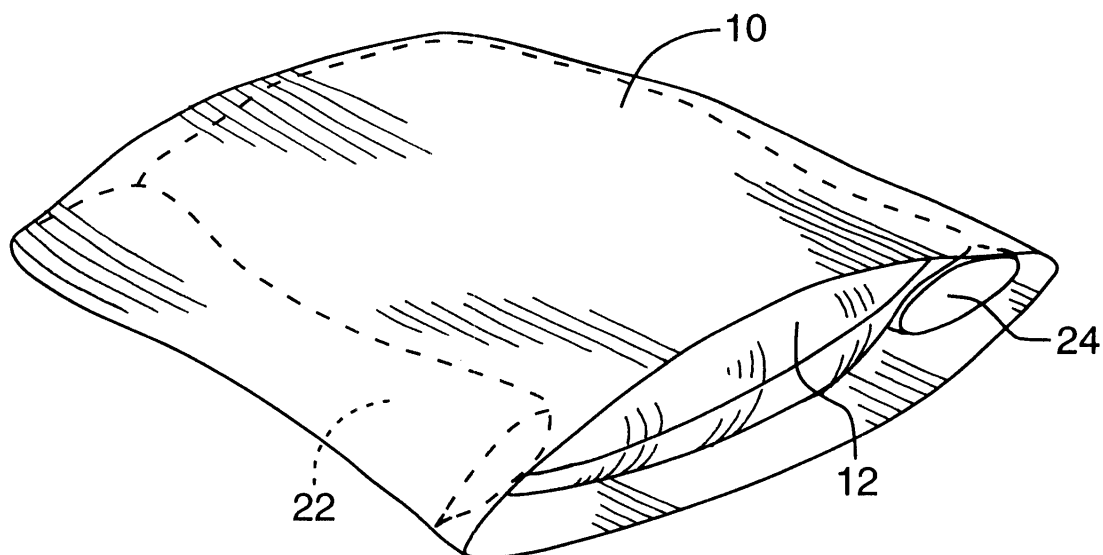
KEILHAUER LINDA

Family 87/100 - FAMPAT - ©Questel

Title

(US6490743)

Orthopaedic pillow cover

Images**Publication data including kind & date**

US6490743

B1 2002-12-10 US6490743

**Abstract**

(US6490743)

An orthopaedic pillow cover for supporting a human neck and head includes a tubular fabric pillow band open in both of its respective ends for encircling a conventional pillow. Two neck support rolls are pivotally connected opposite one another to an inside surface of the pillow band and are positioned perpendicular to the respective ends of the pillow band.

Inventors

ADAT RIYAZ

MAR KEVIN

Latest standardized assignees - inventors removed

BLUE PLANET DESIGN

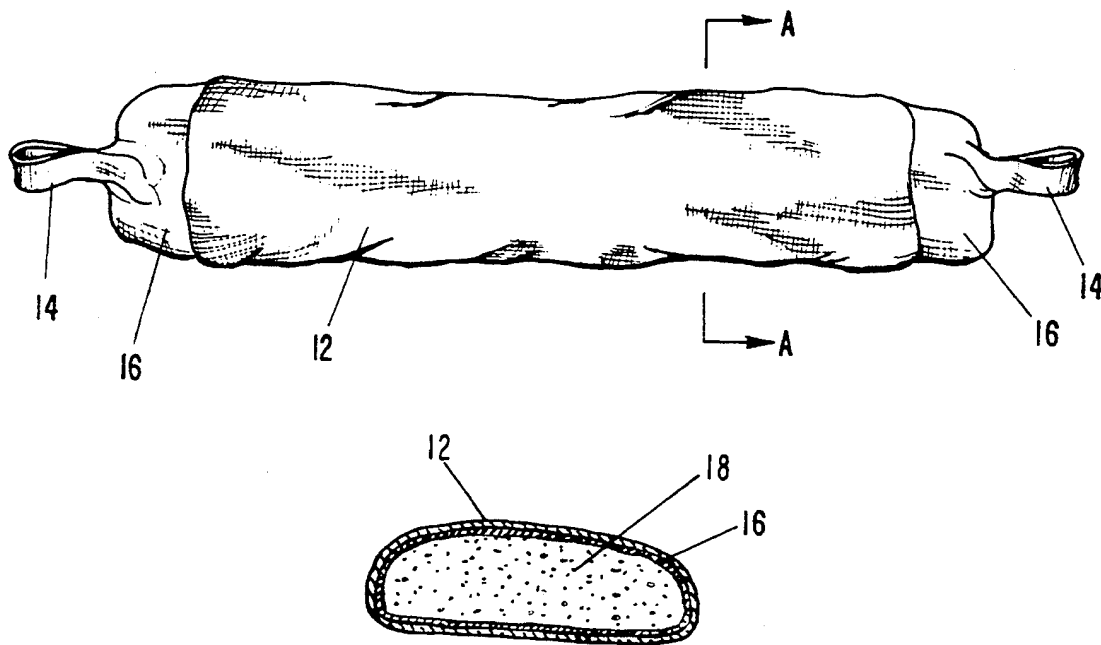
BOSARO BIOTECH

Family 88/100 - FAMPAT - ©Questel

Title

(US5584086)

Therapeutic pillow and method

Images**Publication data including kind & date**

US5375278	A	1994-12-27	US5375278
US5584086	A	1996-12-17	US5584086
US5584086	B1	2000-11-28	US5584086

**Abstract**

(US5584086)

Disclosed is a therapeutic pillow. The pillow has a bag-like cover filled **with natural granular material** having a water content in the range of 5% to 25% by weight. The preferred range of water content is from 9% to 16%. The therapeutic pillow can be in different shapes, such as the shape of a toy for use by children, a pad shape with pockets for inserting hands or feet, or muff-shaped. Also disclosed is a temperature sensor and baffles to keep the filling from gathering. A biomagnetic embodiment is also disclosed.

Inventors

VANWINKLE TRESA A

VANWINKLE LARRY K

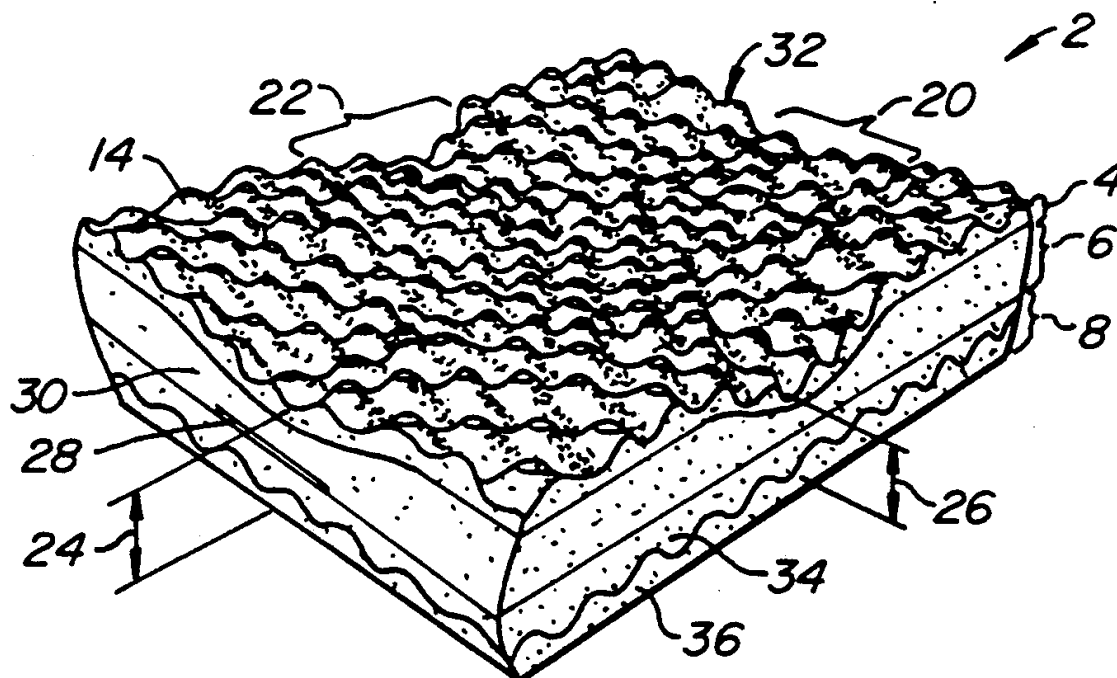
Latest standardized assignees - inventors removed

COMPASS HEALTH BRANDS

Family 89/100 - FAMPAT - ©Questel

Title

(EP-624071)



US5163194	A	1992-11-17	US5163194
WO9314682	A1	1993-08-05	WO9314682
EP0624071	A1	1994-11-17	EP-624071
JPH07506500	A	1995-07-20	JP07506500
EP0624071	B1	1998-11-25	EP-624071
AT173592	T	1998-12-15	ATE173592
DE69322253	D1	1999-01-07	DE69322253
ES2125327	T3	1999-03-01	ES2125327
DE69322253	T2	1999-04-22	DE69322253



(EP-624071)

A cervical pillow (2) is provided having a multi-component polyurethane foam construction with an upper portion (4), intermediate portion (6) and foundation portion (8). The upper portion (4) includes a convoluted support surface (10) preferably having multi-density upwardly extending protrusions (14) and is laminated to the intermediate portion (6). The intermediate portion (6) is configured having two generally perpendicular channel depressions (20, 22) of equal depth for supporting and stabilizing the head and neck in an anatomically neutral position, the upper portion (4) conforming to the channels (20, 22) and communicating the channel contour to the support surface (10). Local support adjustment along one channel is facilitated by a cut-out (28) in the intermediate portion (6) which houses a removable insert. The foundation portion (8) includes a removable base (36) to provide adjustable vertical height of the support surface (10) to adapt to a wide range of users. In an alternative embodiment, the foundation portion (8) also includes a removable middle section positionable between an upper section (34) and the base (36) to provide additional vertical support adjustment. The middle section can be flat or wedge shaped to provide inclination of the support surface (10) when desired. Another alternative embodiment includes a removable cover which encloses the cervical pillow (2) and includes an external pocket positioned over a portion of a channel and removably house a supplemental member such as a thermal pack which can be used for therapeutic purposes.

Inventors

DIXON LINDA H

Latest standardized assignees - inventors removed

KIRCHHOFF GUENTHER

KIRCHHOFF GEORG WILHELM

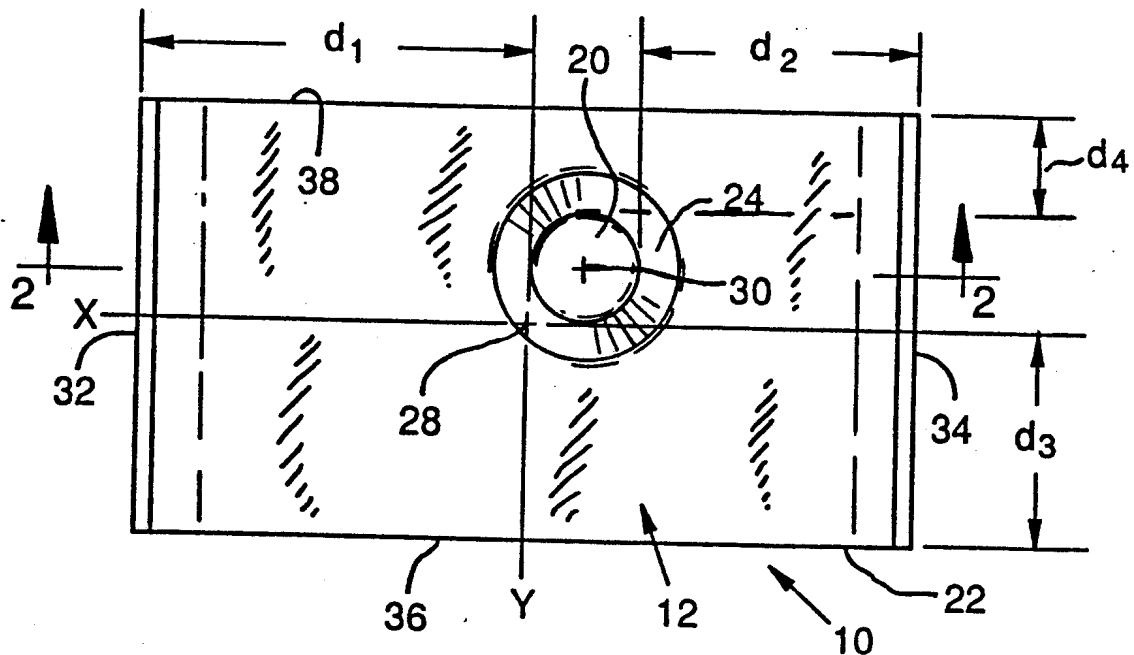
Family 90/100 - FAMPAT - ©Questel

Title

(US5025518)

Orthopedic head pillow

Images



Publication data including kind & date

US5025518

A	1991-06-25	US5025518
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Abstract

(US5025518)

An orthopedic pillow in accordance with the present invention comprises a unitary body of feathers, foam or other resilient material with a deep generally hemispherical depression or aperture. The aperture receives the back of a user's head in such a manner that a portion of the weight of the head is supported generally on or substantially close to a mattress or the like beneath the pillow while the rest of the weight of the user's head is supported by the surrounding portion of the pillow. This design allows the user's head to rest generally on the same horizontal surface on which the remainder of the user's body rests. As a result, the head can shift backwardly into an ideal postural position in relation to the long axis of the user's body. Also, the aperture is eccentrically positioned in the body to provide different distances between the edge of the body and the aperture. Preferably, the pillow is rectangular with the aperture offset from the axes of the pillow. By orienting the pillow appropriately, it can be positioned to fit users with different neck lengths.

Inventors

SUMMER JOHN D

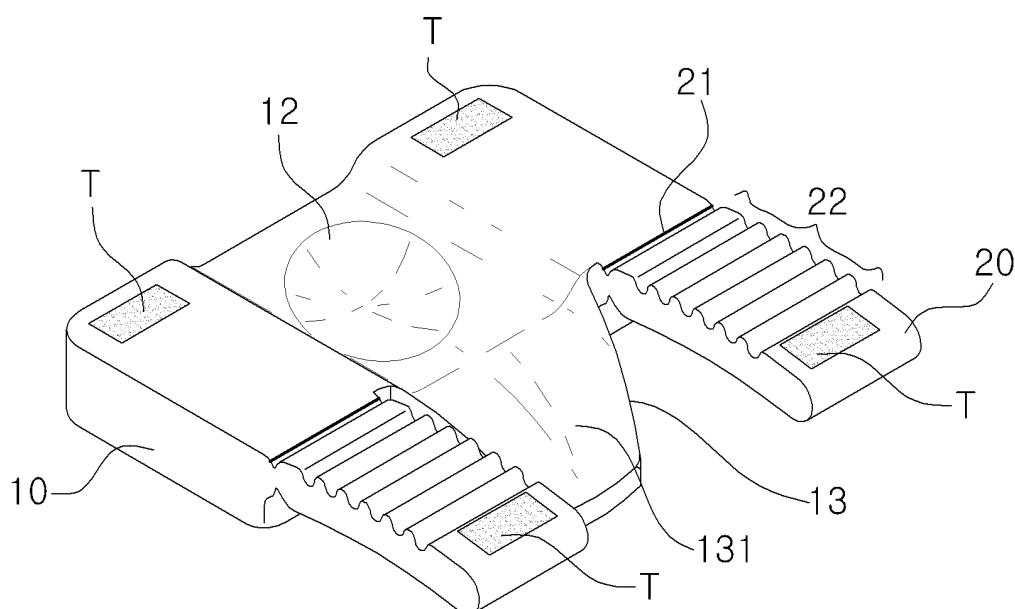
Family 91/100 - FAMPAT - ©Questel

Title

(KR101966562)

Functional Pillow

Images

**Publication data including kind & date**[KR10-1966562](#)

B1 2019-04-05 KR101966562

**Abstract**

(KR101966562)

the present invention relates to a pillow, for this user's larynx larynx seating portion corresponding to the cervical spine and cervical spine support portion is formed of a pillow body; on both sides of the body of a human body on the upper surface of the pillow and a shoulder extending in the direction of the shoulders of the user is in close contact wings; are comprised of, wherein the wings of the pillow body and extending along a fold line through the pillow body connected to the upper surface of the bulking rottef selectively affixed to the head to be disposed on the larynx can be fixed and configured so that, on one surface thereof with a plurality of grooves and ridges are formed horizontally and, pillow body glued to the pillow body and wings of air circulating between the user can maintain a comfortable state is characterized by being configured.

Inventors

CHON, SEUNG CHUL

PARK, JUNG-WHAN

JUNG, KYUNG-HOON

Latest standardized assignees - inventors removed

KONYANG UNIVERSITY INDUSTRIAL COOPERATION

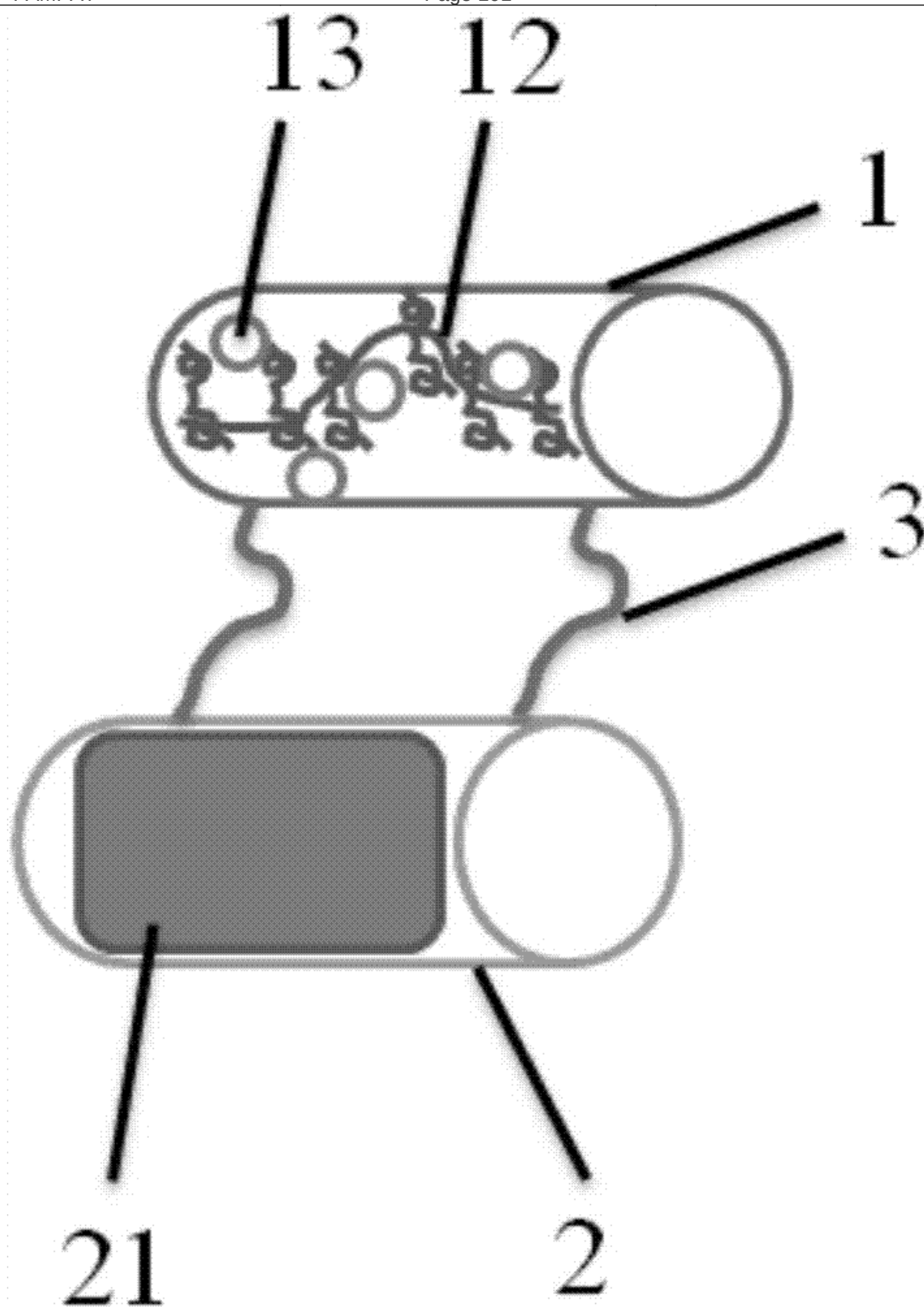
Family 92/100 - FAMPAT - ©Questel

Title

(CN105996633)

Self-adaptive and intelligently responsive cervical pillow and manufacturing method thereof

Images

**Publication data including kind & date**[CN105996633](#)

A 2016-10-12 CN105996633

[CN105996633](#)

B 2017-11-14 CN105996633B

**Abstract**

(CN105996633B)

The invention provides a self-adaptive and intelligently responsive cervical pillow, which comprises a main pillow; the main pillow is arranged under a head; a temperature-sensitive polymer layer is attached to the surface of the main pillow; the temperature-sensitive polymer layer comprises a temperature-sensitive polymer and cervical vertebra therapeutic drugs;

and the cervical vertebra therapeutic drugs are covered in a polymer network of the temperature-sensitive polymer. According to the cervical pillow disclosed by the invention, the cross-linked temperature-sensitive polymer network layer serves as the surface layer of the main pillow, and the drugs, which are conducive to cervical vertebra therapy, are covered in the network. Under a room temperature condition, a polymer molecular chain expands, so that the drugs are prevented from becoming lost and inactivated; after the head and the pillow get into contact for a certain time, the polymer molecular chain becomes contracted under heat and the drugs, which are covered in the molecular chain, get into direct contact with the head, so that the head is maintained and cared; and self-adaptability and intelligent responsiveness are achieved, so that a therapeutic effect on cervical spondylosis is improved. Experimental results show that the curative ratio of the cervical pillow disclosed by the invention, on patients with the cervical spondylosis, can reach 92% or above. The invention also provides a preparation method of the cervical pillow.

Inventors

LIU XIAOJUAN

SHI QIANG

YIN JINGHUA

Latest standardized assignees - inventors removed

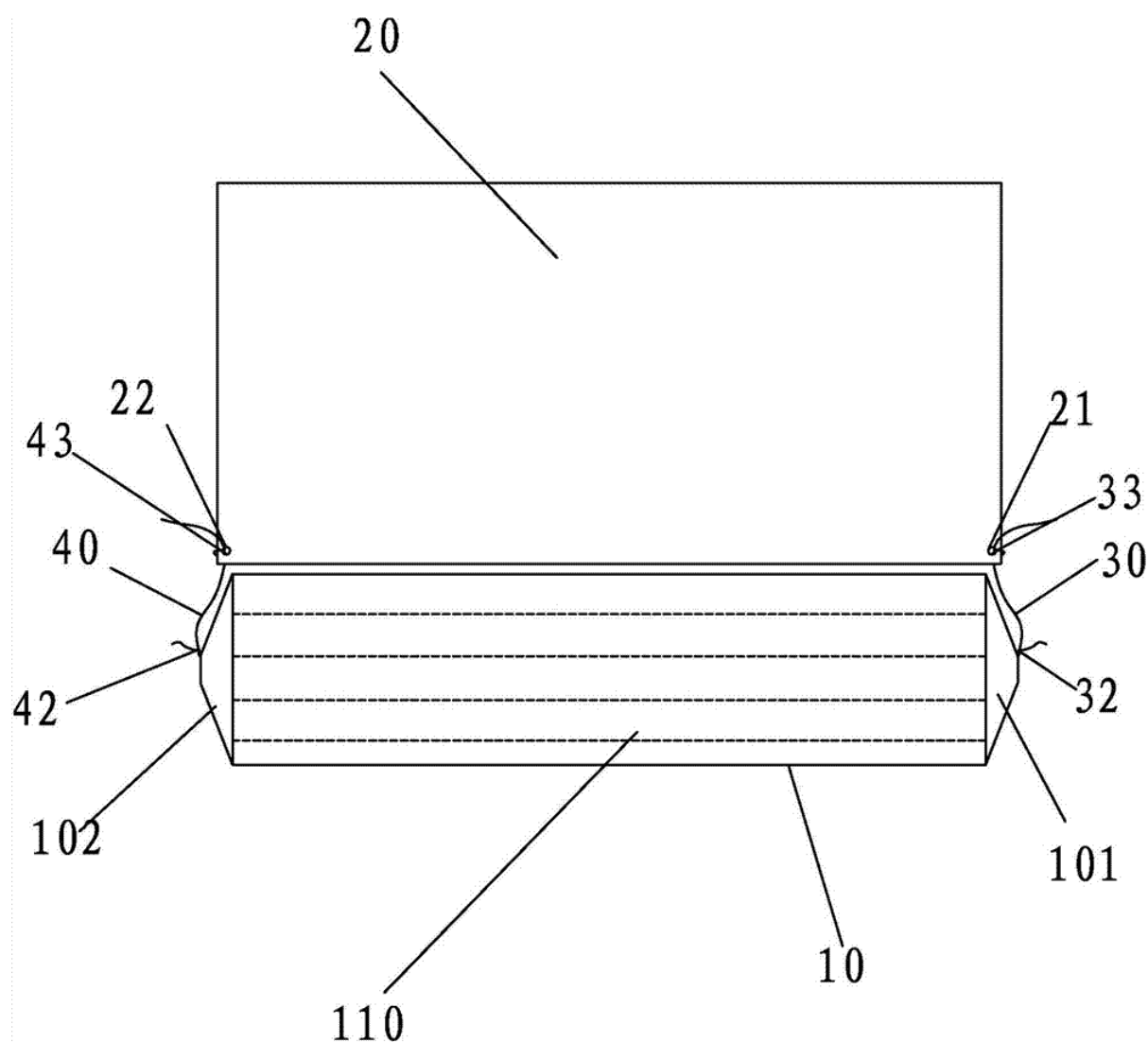
CHANGCHUN INSTITUTE OF APPLIED CHEMISTRY

Family 93/100 - FAMPAT - ©Questel

Title

(CN105877334)

Multifunctional pillow

Images

[CN105877334](#)

A 2016-08-24 CN105877334

[CN105877334](#)

B 2018-01-09 CN105877334B

**Abstract**

(CN105877334B)

The invention relates to a multifunctional pillow. The multifunctional pillow comprises a head pillow, a neck pillow, a first connection cord and a second connection cord. One end of the first connection cord is connected to one end of the head pillow along the length direction, and the other end of the first connection cord is connected to one end of the neck pillow along the length direction. One end of the second connection cord is connected to the other end of the head pillow along the length direction, and the other end of the second connection cord is connected to the other end of the neck pillow along the length direction. The neck pillow is connected to the head pillow and capable of rotating relative to the head pillow. By adoption of the scheme, the head pillow and the neck pillow are connected through the first connection cord and the second connection cord and guaranteed against separation in use, and comfort and convenience in use are guaranteed; since the neck pillow is capable of rotating relative to the head pillow, when a local part of the neck pillow is highly recessed, the neck pillow can be turned by a certain angle until a normal part reaches a position corresponding to the neck, so that comfort in pillowing is guaranteed. In addition, the pillow is structurally simple, low in cost and suitable for extensive popularization.

Inventors

LIN WEILIN

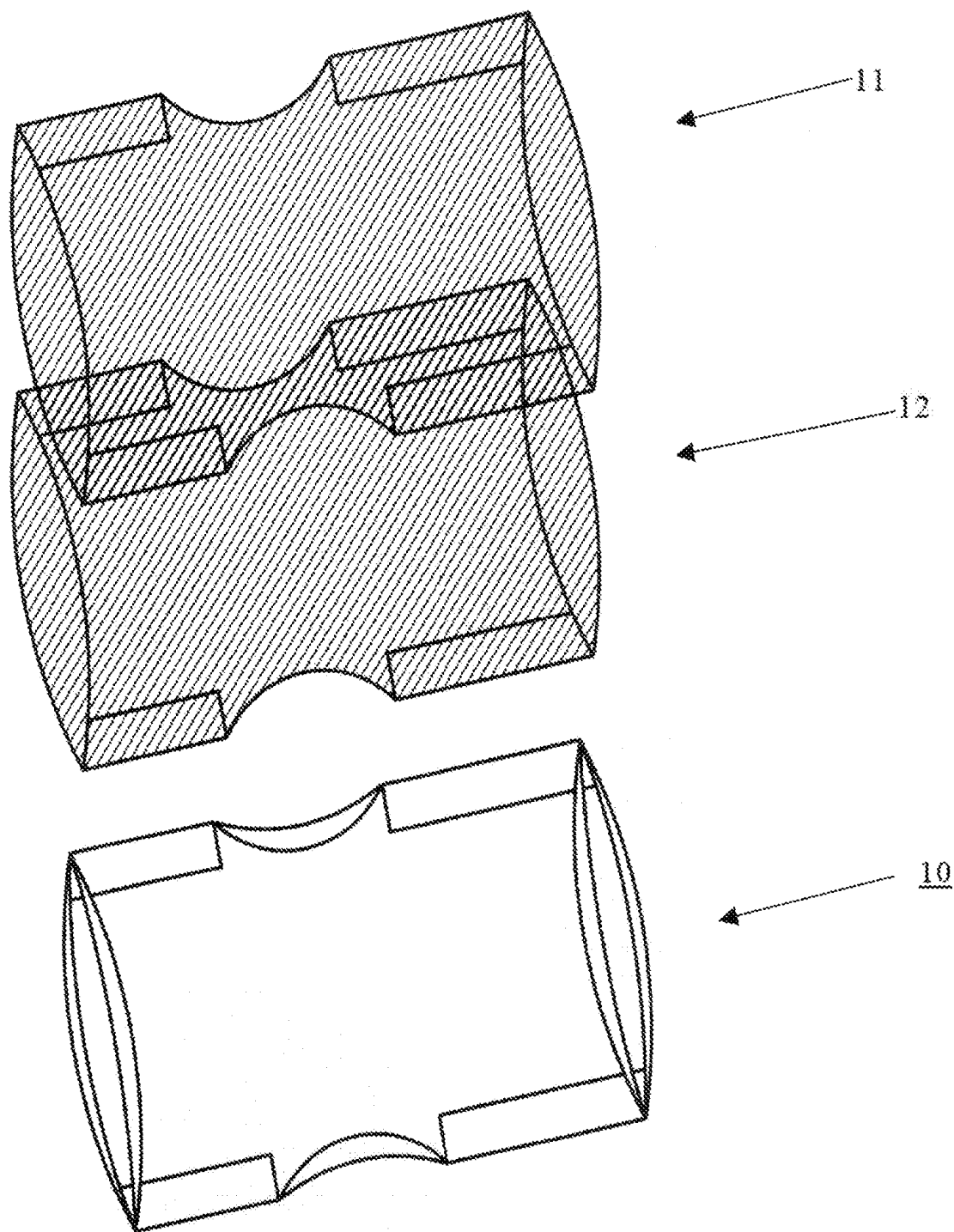
Family 94/100 - FAMPAT - ©Questel

Title

(US20160073802)

Multi-position multi-purpose pillow

Images

**Publication data including kind & date**

CA2863982	A1	2016-03-16	CA2863982
US20160073802	A1	2016-03-17	US20160073802
CA2863982	C	2016-06-28	CA2863982

**Abstract**

(US20160073802)

A multi-position multi-purpose pillow designed to be used by individuals who rest in multiple sleep positions. The multi-position multi-purpose pillow comprises a top and bottom sections to accommodate comfort of individuals upper body extremities during sleep. The multi-position multi-purpose pillow has V-shaped cut outs on the medial ends of the pillow to accommodate a sleepers shoulder. The multi-position multi-purpose pillow has arm openings to accommodate the sleepers arm as the arm is extended underneath the sleepers head. The multi-position multi-purpose pillow has cushioned hinges on each corner to allow the top and bottom portions to rotate laterally when the sleeper changes sleep positions.

Inventors

DAVIS JR EVEROL WASHINGTON

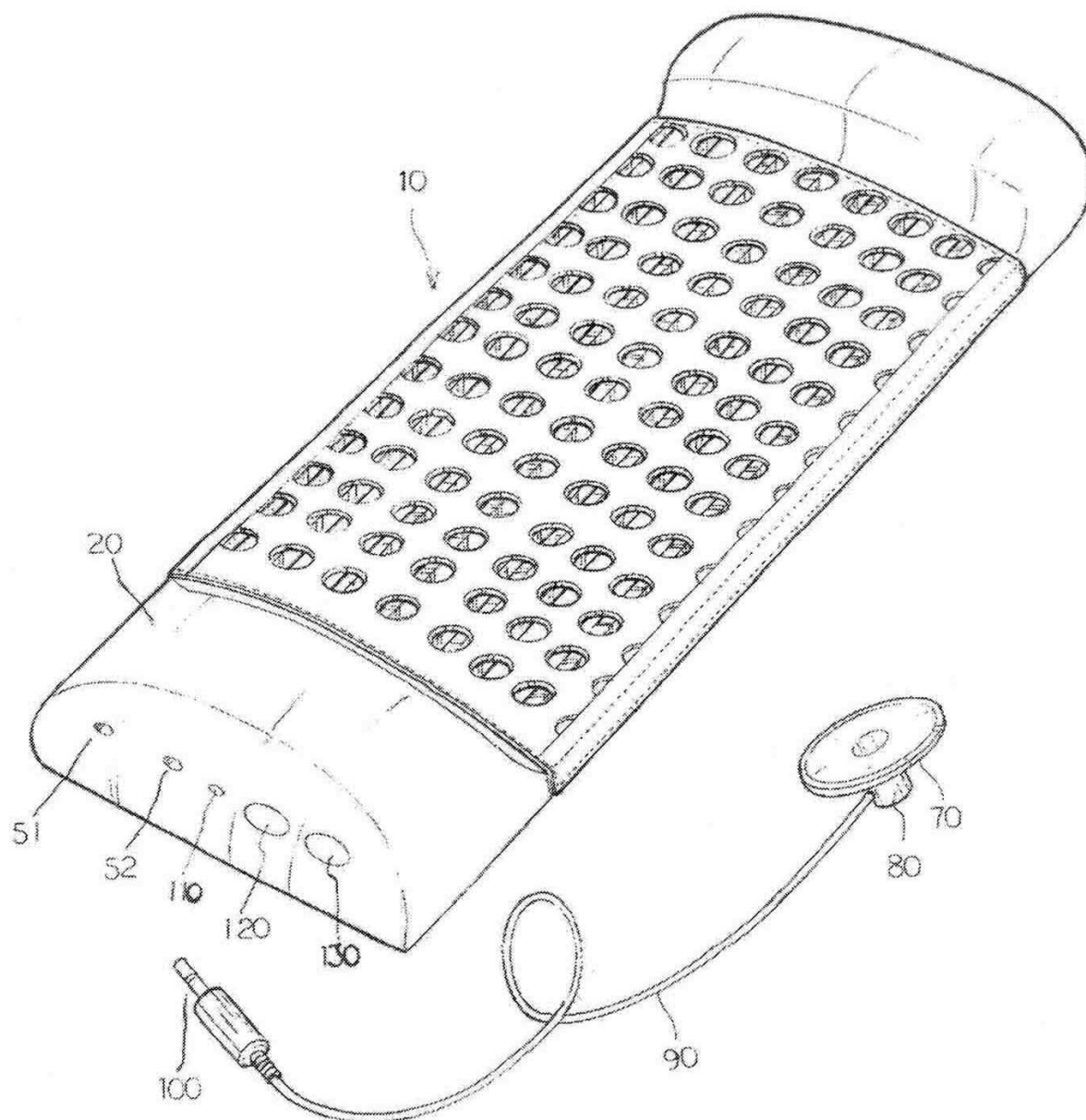
DAVIS JULIANA SHIRLEY

Family 95/100 - FAMPAT - ©Questel

Title

(KR20150016861)

a baby a pillow suffoca tion prevention a bedstead

Images**Publication data including kind & date**[KR20150016861](#)

A

2015-02-13

KR20150016861

**Abstract**

(KR20150016861)

The present invention relates to a baby pillow and a bed for preventing suffocation and, more specifically, to a baby pillow and a bed for preventing suffocation, wherein a portion of the baby pillow, on which the head of the baby is touched, is concave and convex so as to be well ventilated, and thus, even when the baby sleeps on the abdomen or has a runny eye or nose while sleeping on the abdomen, the baby pillow is always ventilated, thereby preventing the baby from being suffocated to death and thus preventing the noble life from being lost.

Inventors

LEE, EUN-JAE

Family 96/100 - FAMPAT - ©Questel

Title

(WO201578302)

Multifunctional afternoon nap pillow

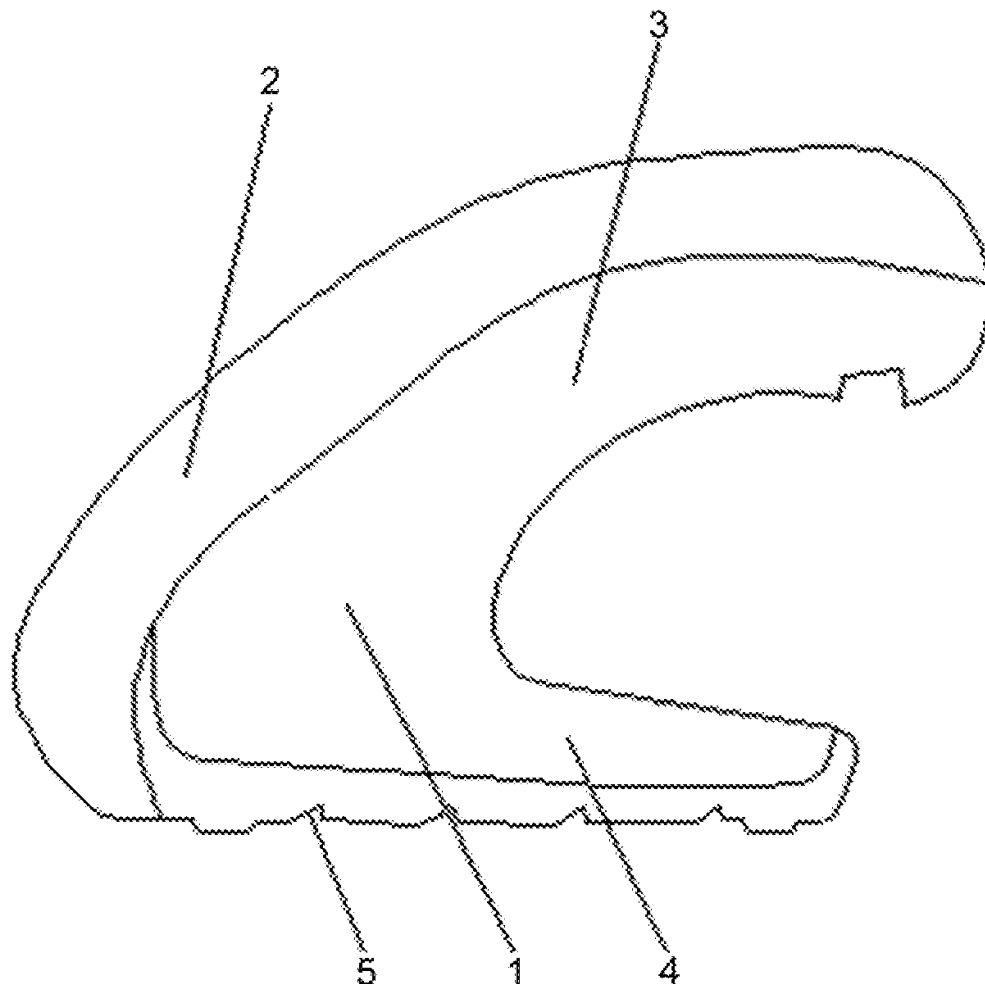
Images

图1 / Fig. 1

Publication data including kind & date

CN103622358	A	2014-03-12	CN103622358
WO2015078302	A1	2015-06-04	WO201578302
CN103622358	B	2016-03-02	CN103622358B

**Abstract**

(WO201578302)

A multifunctional afternoon nap pillow, comprising a support frame (1) formed in one step, and a memory foam pad (2) arranged on the outer surface of the support frame (1). The support frame (1) comprises an arc-shaped support portion (3), and a horizontal underframe (4) forming an angle with the arc-shaped support portion (3). One end of the arc-shaped support portion (3) is connected to one end of the horizontal underframe (4). The extending direction of the other end of the arc-shaped support portion (3) is identical to that of the other end of the horizontal underframe (4). The protruding direction of the arc-shaped support portion (3) is away from the horizontal underframe (4). The present multifunctional afternoon nap pillow is ergonomically designed and creates the feeling of comfortably and peacefully sleeping on mother's back.

Inventors

CUI HONGRI

Latest standardized assignees - inventors removed

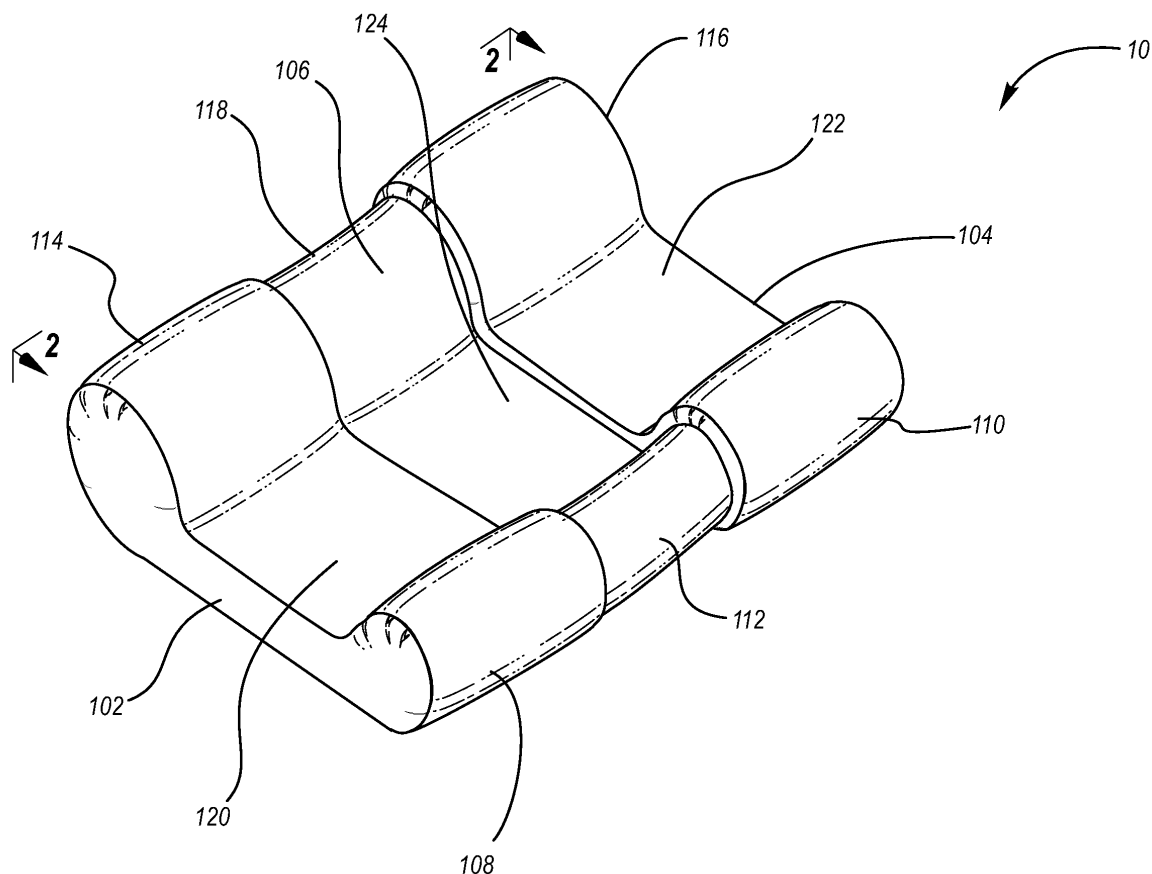
SHENZHEN JYK TECHNOLOGY

Family 97/100 - FAMPAT - ©Questel

Title

(US9113732)

System and method for an adjustable cervical contour pillow

Images**Publication data including kind & date**[US20140020184](#)

A1 2014-01-23

US20140020184

[US9113732](#)

B2 2015-08-25

US9113732

**Abstract**

(US9113732)

The present invention comprises methods and systems for an adjustable cervical contour pillow. The pillow comprises a left, right and center compartment with a generally concave anterior face comprising a first curvature and a second curvature and a web there between configured such that the height of the first curvature is greater than the height of the web but lower than the height of the second curvature. The pillow comprises a generally flat posterior face. The center compartment may be further configured such that the height of each of the first curvature, the web and the second curvature of the center compartment are less than the corresponding heights of the analogous portions of the left and right compartments. The compartments may be covered in a material that is comprised of cotton. The pillow may be filled with a blend of different sizes of shredded latex.

Inventors

LOTH JASON

Latest standardized assignees - inventors removed

PRO 365

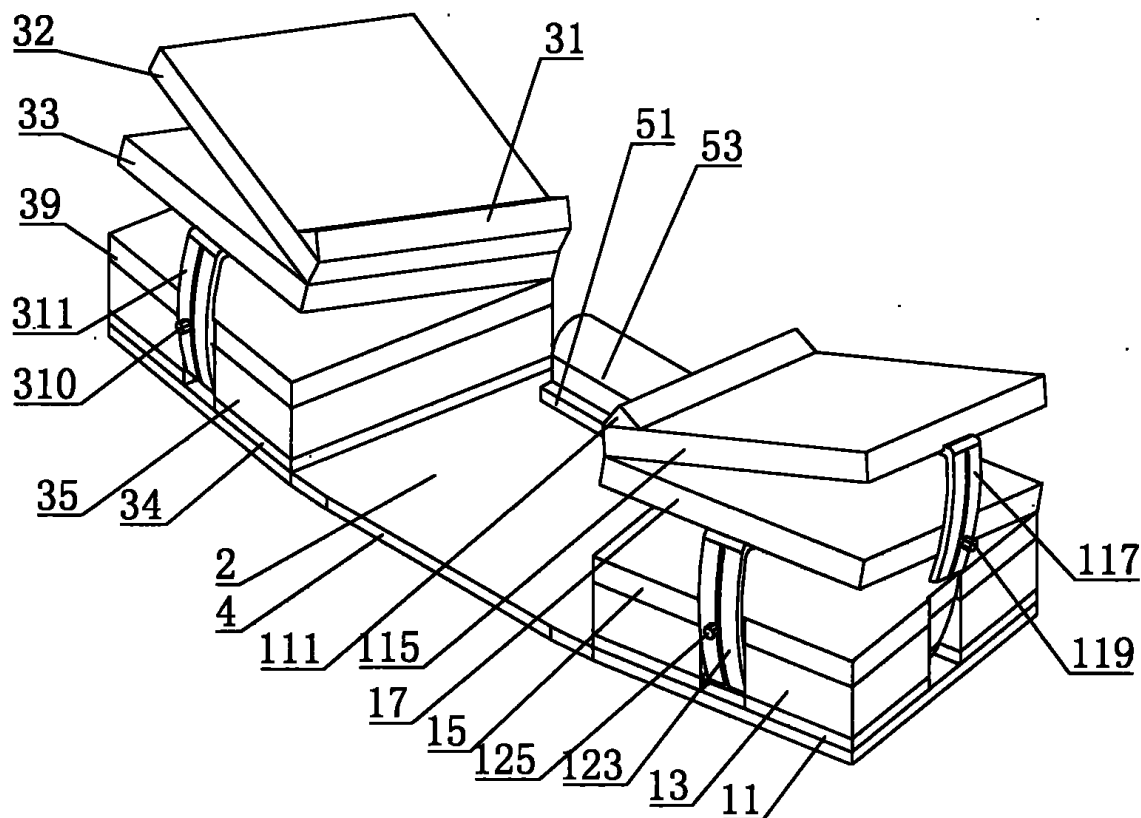
PRO 356

Family 98/100 - FAMPAT - ©Questel

Title

(CN201337224U)

Multi-position continuously adjustable dual-purpose pillow for healthcare and treatment

Images**Publication data including kind & date**

CN201337224

Y

2009-11-04

CN201337224U

**Abstract**

(CN201337224U)

The utility model relates to a multi-position continuously adjustable dual-purpose pillow for healthcare and treatment, which is applied to daily sleeping or medically correcting and maintaining cervical physiological. The multi-position continuously adjustable dual-purpose pillow for healthcare and treatment is composed of a plate base, a right side-lying pillow, a back-lying pillow, a left side-lying pillow and a neck pillow, wherein the right side-lying pillow, the back-lying pillow, the left side-lying pillow and the neck pillow are mounted on the plate base, the right side-lying pillow is arranged on the right side of the back-lying pillow, the left side-lying pillow is arranged on the left side of the back-lying pillow, and the neck pillow is arranged at the front of the back-lying pillow. The multi-position continuously adjustable dual-purpose pillow for healthcare and treatment is characterized in that both the left side-lying pillow and the right side-lying pillow are provided with spine tilting compliant angle continuous adjusting mechanisms and a plurality of height adjusting components, and are respectively equipped with an excessive side-lying suppressing angle continuous adjusting mechanism and a rear sliding stop block fixed at the inner side edge of the top plate surface, and front lateral side crossing angles of the two side-lying pillows with the back-lying pillow are roll supplementary angles. When necessary, the multi-position continuously adjustable dual-purpose pillow also can be equipped with a pressure sensor or an acousto-optic electric indicator relative with operating instruction. Each pillow can be used independently or integrally with adjustable height, thereby meeting physiology despite side lying or back lying and enabling people to sleep in a fine functional state.

Inventors

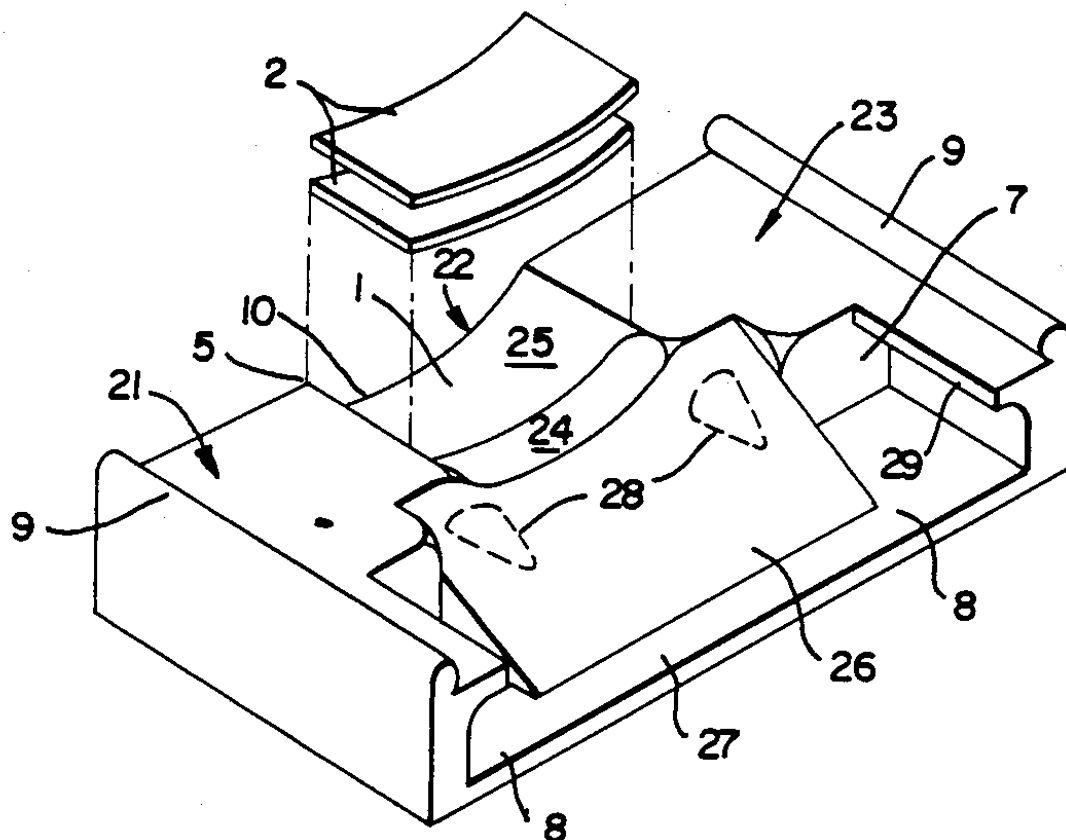
ZHANG WENBING

Family 99/100 - FAMPAT - ©Questel

Title

(US4850067)

Orthopedic pillow which minimizes snoring

Images**Publication data including kind & date**[US4850067](#)

A 1989-07-25 US4850067

**Abstract**

(US4850067)

An orthopedic pillow which enhances muscular relaxation during sleep and which minimizes snoring is constituted by a soft compressible material which underlies the head, nape of the neck and shoulders of a sleeper lying on his back. This pillow is generally rectangular in plan view and has its upper surface contoured to provide laterally spaced upstanding side margins at each side of a body-supporting central region. The central region has a centrally positioned nape-supporting portion of greatest elevation convexly curved from top to bottom and concavely curved from side to side to support the nape of the neck. The nape-supporting portion separates: (1) a side to side concave portion at the upper end of said pillow which is inclined downwardly from its highest point at said nape-supporting portion to a low point at the occipital portion of the head for supporting the back of the head; from (2) a second portion at the lower end of said pillow for supporting the upper portion of the back which is inclined downwardly from its highest point at said nape-supporting portion to a lower end of minimum elevation. The back-supporting inclined portion is bordered at both sides thereof by shoulder-receiving depressions where the pillow is of minimum thickness.

Inventors

LATORRE NESTOR R

Family 100/100 - FAMPAT - ©Questel

Title

(CN108577407)

Preparation method of graphene antibacterial heating cervical vertebra healthcare pillow

ImagesThe logo for JLSUN® is displayed in a large, bold, serif font. The letters are black, and the registered trademark symbol (®) is enclosed in a circle to the right of the word JLSUN.**Publication data including kind & date**[CN108577407](#)

A

2018-09-28

CN108577407

**Abstract**

(CN108577407)

The invention discloses a preparation method of a graphene antibacterial heating cervical vertebra healthcare pillow. The graphene antibacterial heating cervical vertebra healthcare pillow comprises antibacterial pillowcase fabrics, antibacterial fillers and a carbon nanotube flexible heating cloth piece. An antibacterial pillowcase is formed by weaving graphite antibacterial superfine polyester. An antibacterial pillow interior is made of a mixture of graphene polyester staple fibers and biological materials, and the whole antibacterial pillow interior is in a cylindrical shape with the diameter of 8-15cm and the length of 40-50cm. The process is simple, large-scale production can be realized, and good application prospect is achieved. The novel graphene antibacterial heating cervical vertebra healthcare pillow has good antibacterial performance, good saliva resistance, good heat compress function and good safety performance, and is skin-friendly and comfort, and can effectively relieve cervical pain.

Inventors

PAN YUNFANG

Latest standardized assignees - inventors removed

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