



New connection on: : 19-10-2018 : 21:14:01 - Last disconnection on: : 19-10-2018 : 21:12:28

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 2] ..fiepodoc

 Database: EPODOC

[EPODOC: SS 2] APPARATUS AND METHOD AND FORMING AND CUP AND REFORMED AND BOTTOM

Results in EPODOC 9

[SS 3] ..li



[SS 3] APPARATUS AND METHOD AND FORMING AND CUP

Results in EPODOC 667

[SS 4] 3 and 2

Results in EPODOC 9

[SS 5] ..li



[SS 5] APPARATUS AND FORMING AND CUP AND REFORMED

Results in EPODOC 15

[SS 6] ..li



[SS 6]



New connection on: : 31-10-2018 : 17:14:43 - Last disconnection on: : 31-10-2018 : 00:02:37

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[No database/cluster active] ..fiepodoc

 Database: EPODOC

[EPODOC: SS 1] ZIPPERED and EXPANSIBLE and BACK and JACKET

Results in EPODOC 1

[SS 2] ..li



- 1/1 © EPODOC / EPO
- PN

- [US3153793](#) A 19641027
- PR

- US19620233348 19621026
- AP

- US19620233348 19621026
- DT

- *: Rep
- CT

- || STSE (A)
- [US1350169](#) A 19200817 [] (PATRICK MULLANE JAMES)
- [US1483635](#) A 19240212 [] (MAX HIRSCH)
- [US1887643](#) A 19321115 [] (NARROW FABRIC COMPANY)
- [US2700769](#) A 19550201 [] (JOHN POLCHINSKI)
- [US2713168](#) A 19550719 [] (VITO BAGNATO)
- [US2962885](#) A 19601206 [] (KENDALL & CO)

- CCI - [A41D27/10](#) ; [A41D27/28](#) ; [A41D3/00](#)
- CCA - [A41D2300/22](#) ; [Y10S2/01](#)
- PA - MCGREGOR DONIGER INC
- TI - Zippered expandible back jacket

[SS 2] protective and garment and expansion and rain

Results in EPODOC 0

[SS 3] jacket and expandible and protect

Results in EPODOC 1

[SS 4] ..li



- 1/1 © EPODOC / EPO
- PN - [CN1891521](#) A 20070110
- PR - CN2005135494 20050630
- AP - CN2005135494 20050630
- DT - I
- PA - LI SHANGYING [CN]
- TI - Automatic-retractable car body protective layer
- AB - This invention discloses an automatic expanding car protection layer composed of a cover layer, a guide rod and a rotary device, in which, the cover can expand and contract to **protect** the car, the **expandible** guiding rod is used in guiding the cover layer to expand and fix, the rotary device is used in driving the rotation of the guiding rod to draw in and lay down to solve the problem of automatic expansion of the protection layer, the cover layer is in simple structure and easy to be changed, the guiding rod clamps the door when elongating to stop the door from over opening, the cover layer is fixedly connected with the car **jacket** to cover the car tightly and **protect** the car.

[SS 4] rain and jacket and motorcyclists and expansion

Results in EPODOC 0

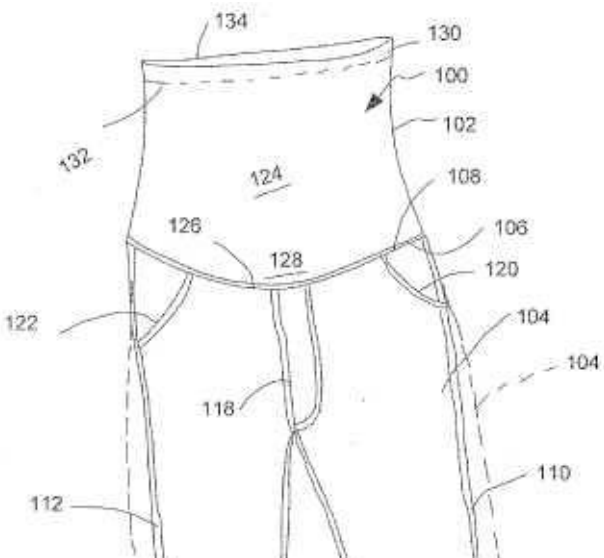
[SS 5] garment and expandible

Results in EPODOC 54

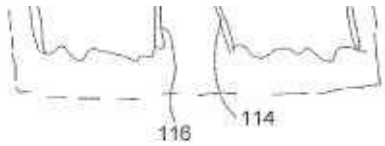
[SS 6] ..li



- 1/54 © EPODOC / EPO
- PN - [MX341737](#) B 20160831
- PR - US20070756242 20070531
- AP - MX20140000801 20091127
- DT - I
- CCI - [A41C1/10](#) ; [A41D1/21](#)
- PA - DESTINATION MATERNITY CORP [US]
- TI - BELLY COVERING **GARMENT**.
- AB - The present invention relates to a **garment** having a belly panel, wherein the belly panel is **expandible** to cover and fit over a growing abdomen, and the **garment** having a **garment** lower portion with a torso



encircling circumference, wherein the torso encircling circumference recedes downward to make way for expansion of the belly panel. The **garment** can be worn during different stages of pregnancy and different stages of postpartum body changes.



2/54 © EPODOC / EPO

PN - [JP2014148780](#) A 20140821

PR - US20070756242 20070531

AP - JP20140088053 20140422

DT - I

CCI - [A41C1/10](#); [A41D1/21](#)

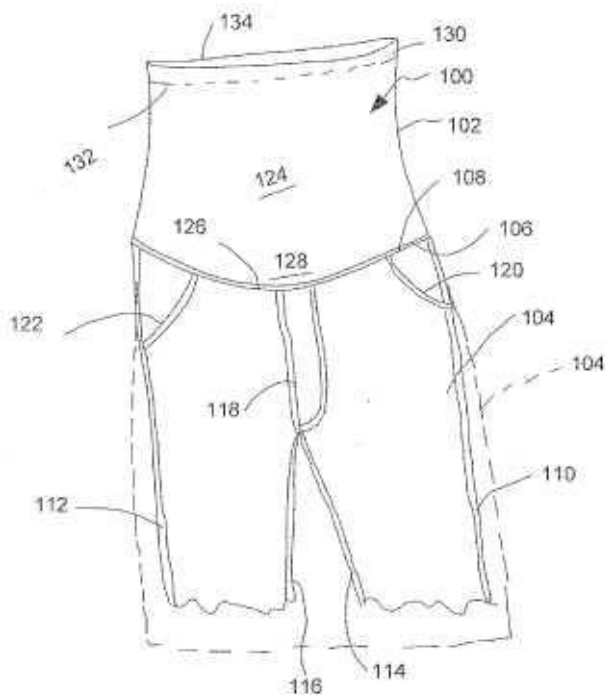
FI - A41C1/10; A41D1/06&F; A41D1/06&501D; A41D1/14&E; A41D1/14&501J

FT - 3B131/AA04; 3B131/AA21; 3B131/AA26; 3B131/AB12; 3B131/BA11; 3B131/BA21; 3B131/BA41; 3B131/CA01; 3B131/CA11

PA - DESTINATION MATERNITY CORP

TI - BELLY COVERING **GARMENT**

AB - PROBLEM TO BE SOLVED: To provide a **garment** that covers and fits a growing abdomen during different stages of pregnancy, where the **garment** stays up and fit comfortably while being worn and, furthermore, stays up even when worn over different body types.SOLUTION: The present invention relates to a **garment** having a belly panel 124 that is **expandible** to cover and fit a growing abdomen, and the **garment** has a **garment** lower portion 104 having a torso encircling circumference 134 that recedes downward to expand the belly panel. The **garment** can be worn during different stages of pregnancy and different stages of postpartum body changes.



3/54 © EPODOC / EPO

PN - [JP2014009954](#) A 20140120

PR - JP20120144463 20120627

AP - JP20120144463 20120627

DT - I

FI - A41D13/00&E; A41D13/002; A41D13/008; A41D3/04&A; G21F9/00&A

FT - 3B011/AA01; 3B011/AA05; 3B011/AB01; 3B011/AC06; 3B011/AC08; 3B011/AC26; 3B031/AA14; 3B031/AA24; 3B031/AB02; 3B031/AB03; 3B031/AB04; 3B031/AB06; 3B031/AC02; 3B031/AC03; 3B031/AC08; 3B031/AE04; 3B031/AE05

PA - MAKINO OSAO

TI - RAIN COAT

AB - PROBLEM TO BE SOLVED: To provide a rain coat suitable for wearing in performing a work in rainy weather under an environment polluted with radioactive particles.SOLUTION: A rain coat has a jacket and a lower **garment** that are respectively formed by sewing multiple multi-layered nonwoven pieces. The jacket has a hood for covering a head part. The lower **garment** includes: bottoms constituted by inner bottoms and outer bottoms for covering the inner bottoms; a lower **garment** front body extending upward from a front edge of the upper end of a lower **garment** body and covering an area from an abdominal part to a chest part; and a lower **garment** rear body extending upward from a rear edge of the upper end of the lower **garment** body and covering a back. Sewed parts are sealed from an inside with the use of a seal-up tape. Rubber bodies for allowing a hood opening, right and left wrists, a lower end opening of the jacket, and lower end openings of the inner bottoms to be **expansible** are stored in the upper part of an opening edge of the hood, the right and left wrists of the jacket, the lower end opening of the jacket, and the lower end openings of the inner bottoms. An antistatic agent is applied on the outer surfaces of the jacket and the lower **garment**.

4/54 © EPODOC / EPO

PN - [USRE43563E](#) E 20120807 .

PR - US201113161169 20110615; US20080117004 20080508; US20070756242 20070531

AP - US201113161169 20110615

DT - **

CT - || STSE (E)
[US3045678](#) A 19620724 [] (GEIMER CORNELIUS J);
[US4280229](#) A 19810728 [] (STEIN PAUL);
[US4506390](#) A 19850326 [] (STERN MARILYN M [US]);
[US5946730](#) A 19990907 [] (BLAIR VIVIA M [US]);
[US6311333](#) B1 20011106 [] (BATRA SACHIN [US]);
[US2004210987](#) A1 20041028 [] (CARNEY INGRID [US]);
[US2006010571](#) A1 20060119 [] (OAKLEY JOH [US])

CCI - [A41C1/10](#); [A41D1/21](#)

PA - HENDRICKSON LISA A [US]; GARDNER III JAMES H [US]; ADELMAN RICHARD [US];
DESTINATION MATERNITY CORP [US]

TI - Belly covering **garment**

AB - The present invention relates to a **garment** worn during different stages of pregnancy and different stages of postpartum body changes. A **garment** upper portion has a belly panel that is **expansible** to cover and fit over a growing abdomen during different stages of pregnancy, and a **garment** lower portion having a first torso encircling circumference that recedes downward to make way for expansion of the belly panel. The **garment**

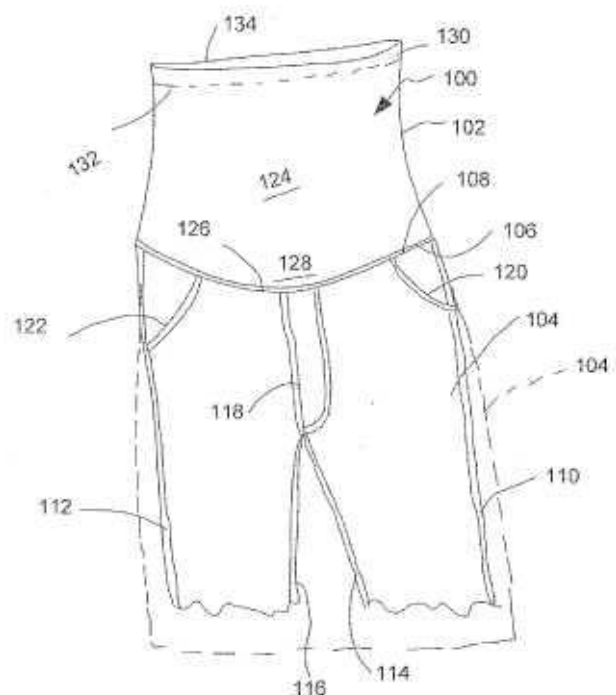
that recedes downward to make way for expansion of the belly panel. The **garment** upper portion has a second torso encircling circumference to hold the **garment** up and in place over the torso.

5/54 © EPODOC / EPO

- PN - [USRE43531E](#) E 20120724
- PR - US201113161138 20110615; US20070756242 20070531
- AP - US201113161138 20110615
- DT - **
- CT - || STSE (E)
[US3045676](#) A 19620724 [] (SLATEN JOHN M);
[US4280229](#) A 19810728 [] (STEIN PAUL);
[US4506390](#) A 19850326 [] (STERN MARILYN M [US]);
[US5946730](#) A 19990907 [] (BLAIR VIVIA M [US]);
[US6311333](#) B1 20011106 [] (BATRA SACHIN [US]);
[US7814575](#) B2 20101019 [] (HENDRICKSON LISA A [US], et al);
[US7900276](#) B2 20110308 [] (HENDRICKSON LISA A [US], et al);
[US2004210987](#) A1 20041028 [] (CARNEY INGRID [US]);
[US2006010571](#) A1 20060119 [] (OAKLEY JOH [US])
- CCI - [A41C1/10](#); [A41D1/21](#)
- PA - HENDRICKSON LISA A [US]; GARDNER III JAMES H [US]; ADELMAN RICHARD [US];
DESTINATION MATERNITY CORP [US]
- TI - Belly covering **garment**
- AB - The present invention relates to a **garment** worn during different stages of pregnancy and different stages of postpartum body changes. A **garment** upper portion has a belly panel that is **expansible** to cover and fit over a growing abdomen during different stages of pregnancy, and a **garment** lower portion having a first torso encircling circumference that recedes downward to make way for expansion of the belly panel. The **garment** upper portion has a second torso encircling circumference to hold the **garment** up and in place over the torso.

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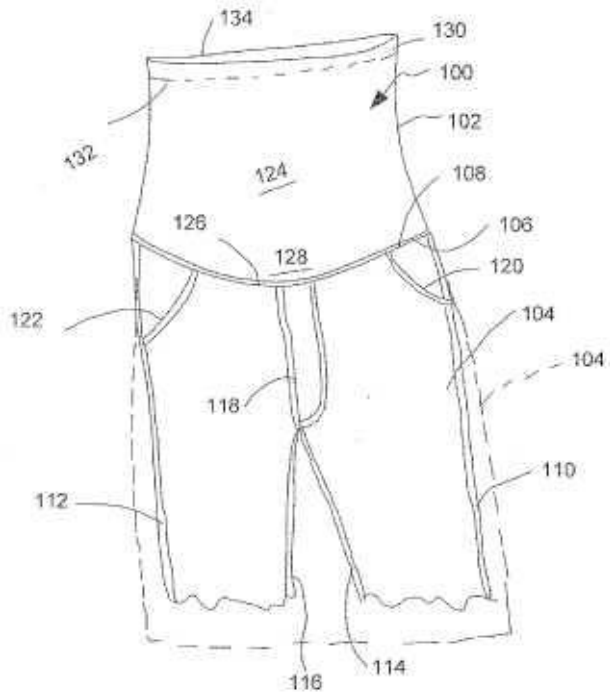
- PN - [CN102548435](#) A 20120704
- PNFP - CN102548435B B 20160120
- PR - WO2008US61739
20080428; US20070756242 20070531
- AP - CN2008817950 20080428
- DT - I
- CCI - [A41C1/10](#); [A41D1/21](#)
- PA - (A)
MOTHERS WORK INC
- TI - (A)
Belly covering **garment**
- AB - (A)
The present invention relates to a **garment** having a belly panel, wherein the belly panel is **expansible** to cover and fit over a growing abdomen, and the **garment** having a **garment** lower portion with a torso encircling circumference, wherein the torso encircling circumference recedes downward to make way for expansion of the belly panel. The **garment** can be worn during different stages of pregnancy and different stages of postpartum body changes.



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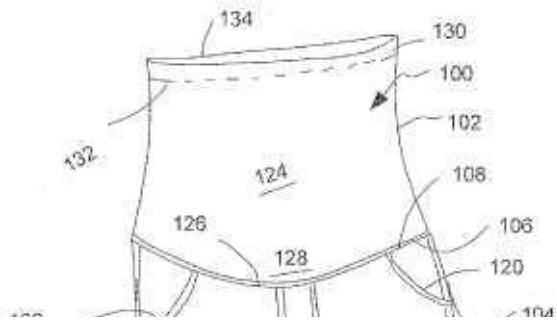
- PN - [TW200916003](#) A 20090416
- PNFP - TWI377034B B 20121121
- PR - US20070756242 20070531
- AP - TW20080119420 20080526
- DT - I
- CCI - [A41C1/10](#); [A41D1/21](#)
- PA - (A B)
MOTHERS WORK INC [US]
- TI - (A B)
Belly covering **garment**
- AB - (A)

The present invention relates to a **garment** having a belly panel, wherein the belly panel is **expandable** to cover and fit over a growing abdomen, and the **garment** having a **garment** lower portion with a torso encircling circumference, wherein the torso encircling circumference recedes downward to make way for expansion of the belly panel. The **garment** can be worn during different stages of pregnancy and different stages of postpartum body changes.



8/54 © EPODOC / EPO

- PN - [MX2009012960](#) A 20100503
- PR - US20070756242
20070531; WO2008US61739
20080428
- AP - MX20090012960 20080428
- DT - I
- CCI - [A41C1/10](#); [A41D1/21](#)
- PA - DESTINATION MATERNITY CORP



TI

[US]

AB

- BELLY COVERING **GARMENT**.

- The present invention relates to a **garment** having a belly panel, wherein the belly panel is **expansible** to cover and fit over a growing abdomen, and the **garment** having a **garment** lower portion with a torso encircling circumference, wherein the torso encircling circumference recedes downward to make way for expansion of the belly panel. The **garment** can be worn during different stages of pregnancy and different stages of postpartum body changes.

9/54

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PN

- [CA2689044](#) A1 20081211

PNFP

- CA2689044 C 20120508

PR

- US20070756242
20070531; WO2008US61739
20080428

AP

- CA20082689044 20080428

DT

- I

CCI

- [A41C1/10](#); [A41D1/21](#)

PA

- (A1 C)
DESTINATION MATERNITY CORP
[US]

TI

- (A1 C)
BELLY COVERING **GARMENT**

AB

- (A1)

The present invention relates to a **garment** having a belly panel, wherein the belly panel is **expansible** to cover and fit over a growing abdomen, and t he **garment** having a **garment** lower portion with a torso encircling circumfere nce, wherein the torso encircling circumference recedes downward to make way for expansion of the belly panel. The **garment** can be worn during different stages of pregnancy and different stages of postpartum body changes.

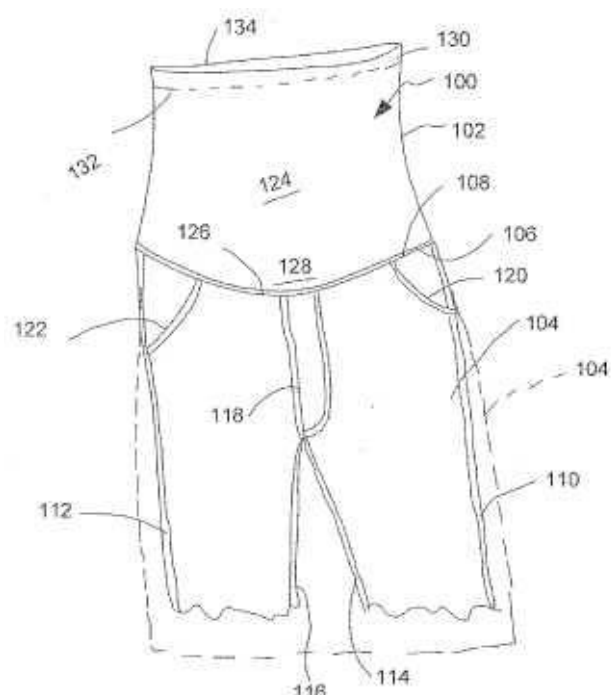
- (C)

The present invention relates to a **garment** having a belly panel, wherein the belly panel is **expansible** to cover and fit over a growing abdomen, and the **garment** having a **garment** lower portion with a torso encircling circumference, wherein the torso encircling circumference recedes downward to make way for expansion of the belly panel. The **garment** can be

worn during different stages of pregnancy and different stages of postpartum body changes.

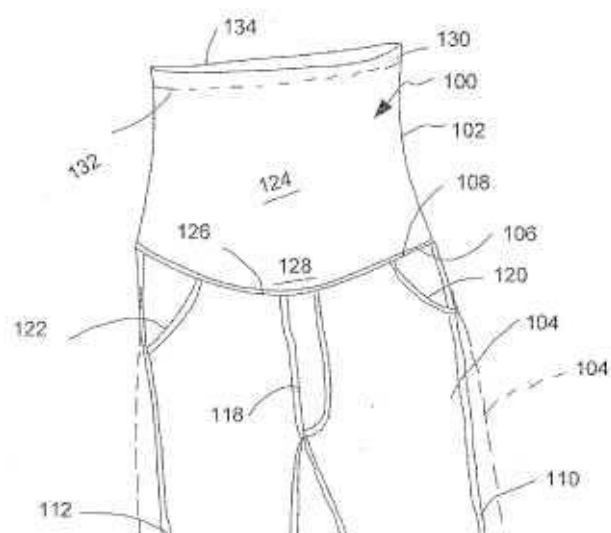
10/54 © EPODOC / EPO

- PN - [WO2008150595](#) A1 20081211
- PR - US20070756242 20070531
- AP - WO2008US61739 20080428
- DT - **
- CT - [US] ISR (A1)
[US4506390](#) A 19850326 [X] (STERN MARILYN M [US]);
[US2004210987](#) A1 20041028 [Y] (CARNEY INGRID [US]);
[US2006010571](#) A1 20060119 [Y] (OAKLEY JOH [US]);
[US6311333](#) B1 20011106 [Y] (BATRA SACHIN [US]);
[US3045678](#) A 19620724 [Y] (GEIMER CORNELIUS J);
[US4280229](#) A 19810728 [A] (STEIN PAUL)
- CCI - [A41C1/10](#); [A41D1/21](#)
- PA - MOTHERS WORK INC [US];
GARDNER JAMES H III [US];
HENDRICKSON LISA A [US];
ADELMAN RICHARD [US]
- TI - BELLY COVERING **GARMENT**
- AB - The present invention relates to a **garment** having a belly panel, wherein the belly panel is **expansible** to cover and fit over a growing abdomen, and the **garment** having a **garment** lower portion with a torso encircling circumference, wherein the torso encircling circumference recedes downward to make way for expansion of the belly panel. The **garment** can be worn during different stages of pregnancy and different stages of postpartum body changes.

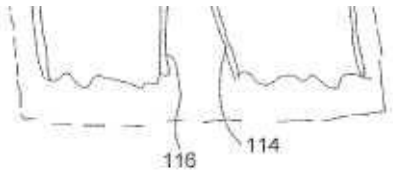


11/54 © EPODOC / EPO

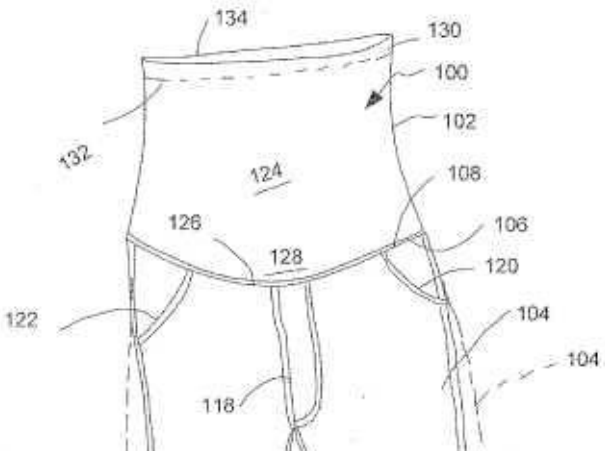
- PN - [US2008295225](#) A1 20081204
- PNFP - US7814575 B2 20101019
- PR - US20070756242 20070531
- AP - US20070756242 20070531
- DT - **
- CT - [|] R141 (A1)
[US2006010571](#) A1 20060119 [] (OAKLEY JOH [US]);
[US2004021987](#) A1 20040205 [] (YOTSUYA MICHIO [JP], et al);
[US4506390](#) A 19850326 [] (STERN MARILYN M [US]);
[US3045678](#) A 19620724 [] (GEIMER CORNELIUS J);
[US4280229](#) A 19810728 [|] (STEIN



PAUL);
[US5946730](#) A 19990907 [] (BLAIR VIVIA M [US]);
[US2004210987](#) A1 20041028 [] (CARNEY INGRID [US]);
[US6311333](#) B1 20011106 [] (BATRA SACHIN [US])
 - || STSE (B2)
[US3045678](#) A 19620724 [] (GEIMER CORNELIUS J);
[US4280229](#) A 19810728 [] (STEIN PAUL);
[US4506390](#) A 19850326 [] (STERN MARILYN M [US]);
[US6311333](#) B1 20011106 [] (BATRA SACHIN [US])
 CCI - [A41C1/10](#); [A41D1/21](#)
 PA - (A1)
 MOTHERS WORK INC
 - (B2)
 DESTINATION MATERNITY CORP [US]
 TI - (A1)
 BELLY COVERING **GARMENT**
 - (B2)
 Belly covering **garment**
 AB - (A1 B2)
 The present invention relates to a **garment** worn during different stages of pregnancy and different stages of postpartum body changes. A **garment** upper portion has a belly panel that is **expansible** to cover and fit over a growing abdomen during different stages of pregnancy, and a **garment** lower portion having a first torso encircling circumference that recedes downward to make way for expansion of the belly panel. The **garment** upper portion has a second torso encircling circumference to hold the **garment** up and in place over the torso.



12/54 © EPODOC / EPO
 PN - [US2008295217](#) A1 20081204
 PNFP - US7900276 B2 20110308
 PR - US20080117004
 20080508; US20070756242 20070531
 AP - US20080117004 20080508
 DT - *; Rep
 CT - || R141 (A1)
[US2006010571](#) A1 20060119 [] (OAKLEY JOH [US]);
[US4506390](#) A 19850326 [] (STERN MARILYN M [US]);
[US3045678](#) A 19620724 [] (GEIMER CORNELIUS J)



- CORNELIUS J);

US4280229

A 19810728 [] (STEIN PAUL);

US5946730

A 19990907 [] (BLAIR VIVIA M [US]);

US6311333

B1 20011106 [] (BATRA SACHIN [US])
- || STSE (B2)

US3045678

A 19620724 [] (GEIMER CORNELIUS J);

US4280229

A 19810728 [] (STEIN PAUL);

US4506390

A 19850326 [] (STERN MARILYN M [US]);

US6311333

B1 20011106 [] (BATRA SACHIN [US])
- CCI

- A41C1/10 ; A41D1/21
- PA

- (A1)

MOTHERS WORK INC

- (B2)

DESTINATION MATERNITY CORP [US]
- TI

- (A1)

BELLY COVERING GARMENT

- (B2)

Belly covering garment
- AB

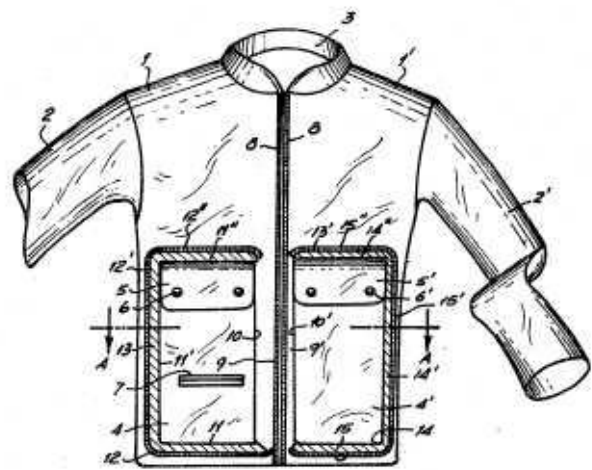
- (A1 B2)

The present invention relates to a **garment** worn during different stages of pregnancy and different stages of postpartum body changes. A **garment** upper portion has a belly panel that is **expansible** to cover and fit over a growing abdomen during different stages of pregnancy, and a **garment** lower portion having a first torso encircling circumference that recedes downward to make way for
-

expansion of the belly panel.
The **garment** upper portion has a second torso encircling circumference to hold the **garment** up and in place over the torso.

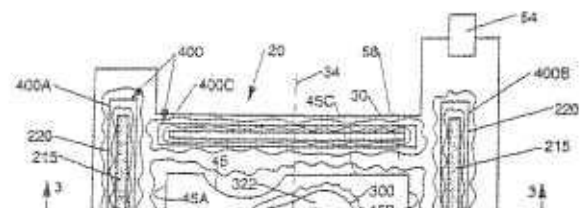
13/54 © EPODOC / EPO

- PN - [US4060853](#) A 19771206
- PR - AR19750260282 19750101
- AP - US19760719999 19760902
- DT - *
- CT - [DE815934](#) C []; [US3085254](#) A []; [US3830348](#) A []
- CCI - [A41D15/04](#) ; [A41D27/20](#)
- CCA - [A41D2400/422](#)
- PA - GABARRO HORACIO CARLOS
- TI - **Garment**
- AB - **A garment** such as a jacket or coat, having two large pockets of substantially equal size, located on opposite sides of the vertical center line of the front face of the **garment**. The pockets are of sufficient size that the rest of the **garment**, other than the pockets, can be folded to occupy an area not larger than the area of one pocket, and then the two pockets can be swung around to a position parallel to each other, encompassing the folded remainder of the **garment** between them. Fastening means such as a slide fastener connects the peripheries of the two pockets to each other with the folded remainder of the **garment** between them, to form a convenient wallet-like package for transporting the **garment** when it is not being worn, the pocket portions of the **garment** now constituting the outer faces of the wallet and still being accessible for use as pockets to hold other articles. The side edges of the pockets are of pleated or bellows formation, thus being **expansible** for holding other articles when the **garment** is folded to the wallet form as well as when it is being worn.



14/54 © EPODOC / EPO

- PN - [US6423045](#) B1 20020723
- PR - US20000481042 20000111
- AP - US20000481042 20000111
- DT - **
- CT - [US4828556](#) A []; [US5520674](#) A []



- US6180847 B1 []

CCI

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A61F13/47218 ; A61F13/47263 ;

A61F13/493 ; A61F13/495

CCA

-

A61F2013/1539 ; A61F2013/4956

PA

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PROCTER & GAMBLE [US]

TI

-

Disposable **garment** having an expandable component

AB

-

A disposable **garment** having a consumer-activated component that is expandable to improve the fit and function of the **garment**. The expandable component includes a compressed, resilient, **expansible** member disposed within a sealed, air-impermeable envelope. The expandable component can be activated so that the component expands in a direction toward the body of the wearer of the **garment** by the application of a tensile force on the **garment** to expose an opening in the envelope, to thereby admit air into the envelope and allow the compressed **expansible** element to expand to its substantially uncompressed condition. When expanded, the **expansible** element can define a collection chamber for waste matter, or it can provide closer contact between the **garment** and the body of the wearer at predetermined areas to improve the fit of the **garment** to the body of the wearer, or it can provide closer contact between the **garment** and the body of the wearer to position an absorptive member adjacent a body opening to improve the absorption by the absorptive member of waste bodily fluids. The **garment** can thus be a disposable diaper, a sanitary napkin, or the like.
- The image is a technical cross-sectional drawing of a garment, likely a diaper or sanitary napkin, showing an internal expandable component. The drawing includes various labeled parts: 36 (top edge), 38 (side edge), 32A and 32B (side flaps), 46 (top layer), 200 (internal layer), 220 (internal layer), 19 (central opening), 320 (internal layer), 215 (internal layer), 28 (internal layer), 38 (internal layer), 34 (internal layer), 450 (internal layer), 40 (internal layer), 42 (internal layer), 58 (internal layer), 44 (internal layer), 54 (bottom edge), 22 (width dimension), 26 (width dimension), and 24 (width dimension). The drawing illustrates the internal structure and the expandable component within the garment.
- 15/54

© EPODOC / EPO

PN

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US2803830 A 19570827

PR

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US19540454657 19540908

AP

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US19540454657 19540908

DT

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*; Rep

CT

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|| STSE (A)

US1396181 A 19211108 [] (LOUIS FRIEDMAN)

US1426892 A 19220822 [] (MCCOY FRED H)

US1465415 A 19230821 [] (BRUNZEL EUGENE A)

US1701049 A 19290205 [] (LEWIS MCMULLEN FREDERICK)

US2187447 A 19400116 [] (H G CHAIT)

US2633577 A 19530407 [] (STEIN SAMUEL F)

US2674742 A 19540413 [] (RUDOLF CANTIL GEORGE)

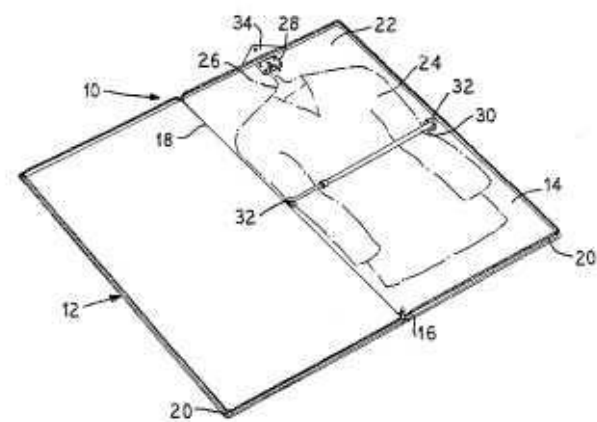
CCI - [A41D27/24](#)
PA - WILLIAMSON DICKIE MFG CO
TI - **Expansible garment**

16/54 © EPODOC / EPO

PN - [US3653690](#) A 19720404
PR - US19700071827 19700914
AP - USD3653690 19700914
DT - *
CT - [US3246621](#) A []; [FR1346924](#) A [];
[FR1279371](#) A []
CCI - [A41D13/0005](#) ; [A62B17/001](#)
PA - STANDARD SAFETY EQUIPMENT CO
TI - SAFETY **GARMENT** JOINT AND METHOD OF MAKING SAME
AB - A complete enclosure **garment** for use in areas containing hazardous liquid or gaseous medium, the **garment** protecting a workman while conforming to the workman's size so as to provide maximum mobility commensurate with total protection against ambient liquid and gas environment. The **garment** has novel **expansible** portions built into appendage covering portions of the **garment**, and including a novel method of fabricating such portions. The **expansible** portions are of the accordion type and are fabricated by providing pairs of flat disc shaped sections of relatively thin plastic material. The two sections of each pair thereof are placed in juxtaposition and joined by a circular sewn seam about a central aperture locating position and spaced inwardly of the periphery of the sections. The two sections of each pair thereof then are heat sealed together along the seam. The pairs of joined and sealed sections then are placed in juxtaposition and adjacent sections of adjacent pairs thereof are joined by second circular sewn seams spaced outwardly from the first seams. A reinforcing strip of thin plastic material is placed over the outer seams on the outside of each of the joined sections and the strips and sections are heat sealed together to provide gas and liquid impervious seams. A central aperture is cut out of the pairs of joined sections and the pleated **expansible** portion formed thereby is joined and sealed in the **garment**.

17/54 © EPODOC / EPO

PN - [US5469967](#) A 19951128
PR - US19940341067
19941116; US19930103793 19930810
AP - US19940341067 19941116
DT - **
CT - [US1914087](#) A []; [US2667353](#) A [];
[US3830348](#) A []; [US4170282](#) A [];
[US4468810](#) A []; [JPH05130910](#) A []
CCI - [A45C3/004](#)
CCA - [A45C2007/0013](#) ; [Y10S190/903](#)
PA - BOORADY CHARLES A [US]
TI - Method for converting a bag
between two functional carrying
modes
AB - A carrier is provided for
converting from a duffle-type bag
to a folding, **garment** bag and vice
versa. The duffle-type bag
includes an oblong, soft-
sided, **expansible** central
compartment having an access
through the top thereof.
The **garment** bag includes a cover
portion having a closure for
receiving into a central



compartment one or more garments such as suits, dresses, and the like. At least one hook may be provided for receiving a hanger holding the garments. The bag may be readily converted by a user from the duffle-type bag to the **garment** bag for the particular mode of transport and uses desired.

- 18/54

© EPODOC / EPO
- PN

- [US5485919](#) A 19960123
- PR

- US19940205351
19940303; US19940323510
19941014; US19930023773 19930222
- AP

- US19940323510 19941014
- DT

- *
- CT

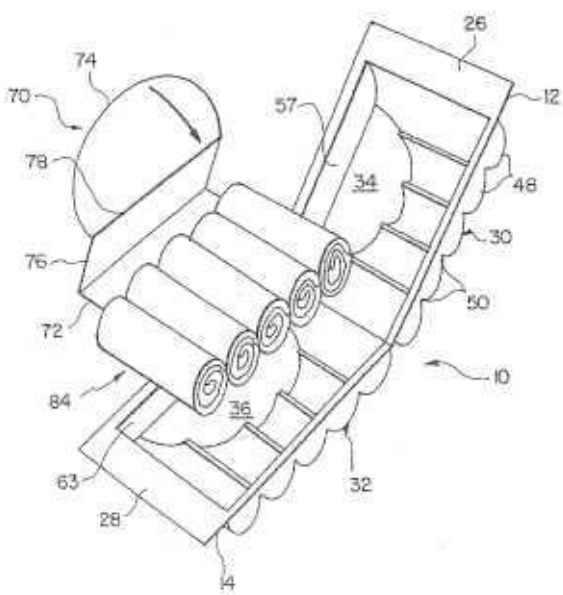
- [US3659704](#) A []; [US3676159](#) A [];
[US3776375](#) A []; [US3837476](#) A [];
[US3861528](#) A []; [US3966045](#) A [];
[US4190151](#) A []; [US4240552](#) A [];
[US4449629](#) A []; [US4619364](#) A [];
[US4784267](#) A []; [US4807747](#) A [];
[US4896770](#) A []; [US5063940](#) A [];
[US5121835](#) A []; [US5129516](#) A [];
[US5143215](#) A []; [US5232094](#) A []
- CCI

- [B65D75/24](#) ; [B65D75/54](#)
- PA

- NANTUCKET IND INC [US]
- TI

- Clamshell package and packaging system
- AB

- A package for a plurality of product items (such as intimate apparel) is made of transparent material. Two halves of the package are connected by an integral hinge. Each half is contour molded to provide distinct compartments for each of the product items and to provide a recess for retaining an insert in place within the package by the **expansible** qualities of the intimate apparel, without the use of adhesives. The packaging system is flexible to accommodate a wide variety of garments, quantities, styles, colors, patterns, sizes and brands. More particularly, the sculpture of the package and integrated insert shape provides the ability to differentiate at retail the **garment** style and fabric, all as a result of the geometry of the package.



- 19/54

© EPODOC / EPO
- PN

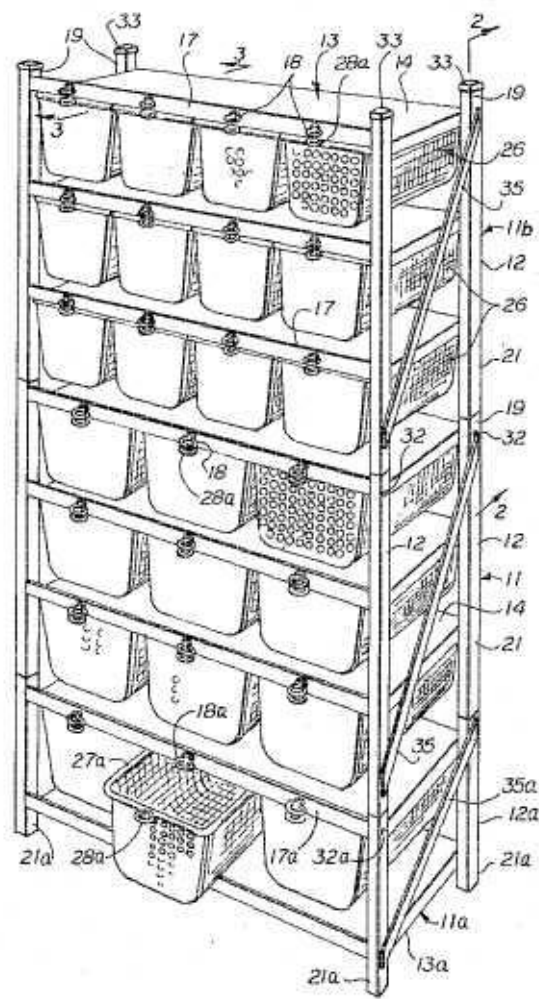
- [US2685691](#) A 19540810
- PR

- US19530001600 19531100

- PK - US19520321699 19521120
- AP - US19520321699 19521120
- DT - *; Rep
- CT - || STSE (A)
[US1131532](#) A 19150309 [] (MCCLURE CHARLES W [US])
[US1477218](#) A 19231211 [] (KLEINERT I B RUBBER CO)
[US1813389](#) A 19310707 [] (KOPS BROS INC)
[US2040058](#) A 19360505 []
[US2100869](#) A 19371130 [] (LOEB & CO INC H)
[US2157482](#) A 19390509 [] (MOUNT AIRY KNITTING COMPANY)
- CCI - [A41B9/08](#)
- PA - ART TEEN SPORTSWEAR COMPANY
- TI - **Garment** with **expansible** neckline

20/54 © EPODOC / EPO

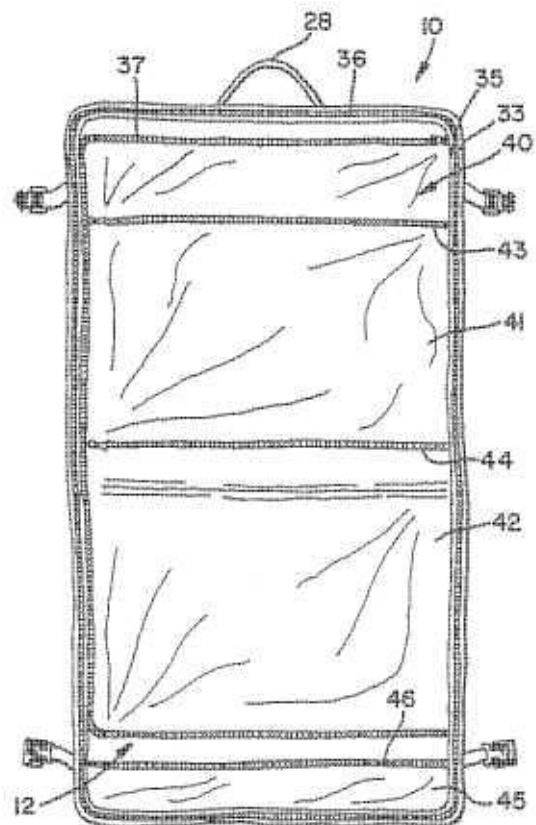
- PN - [US4403701](#) A 19830913
- PR - US19810249080 19810330
- AP - US19810249080 19810330
- DT - *
- CT - [GB672538](#) A []; [US2172266](#) A [];
[US2202427](#) A []; [US2791325](#) A [];
[US3144161](#) A []; [US3231322](#) A [];
[US3883104](#) A []; [US4241668](#) A [];
[US4324076](#) A []
- CTNP - [] Sweet's Catalog File -
Products for General Building,
1978,
pp. 5, 6, 15
- CCI - [A47B87/02](#)
- PA - CORCORAN PATRICK G
- TI - **Expansible** rack for locker baskets
and **garment** storage
- AB - A rack consists of plural sections
including at least one section
having square tubing vertical
corner posts and horizontal
shelves secured to the posts.
Beneath each shelf are guides
which grip the top longitudinal
edge wires of conventional
locker baskets in such manner
that the baskets may be slid
rearward from the front of the
rack and secured against vertical
or transverse displacement by
pairs of guides. The shelving has
a downturned rear flange, which
limits rearward sliding of the
baskets, and an upturned front
flange having rings which may be
padlocked to corresponding rings
on the baskets. Sections of rack
may be assembled by inserting
smaller square tubing pieces
into the tops and bottoms of the
posts of the sections. A coat rack
section may be attached to a rack
section in similar telescopic
fashion. Such coat rack section
preferably has a transverse bar



at the rear with at least one horizontal bar extending forward from the transverse bar.

21/54 © EPODOC / EPO

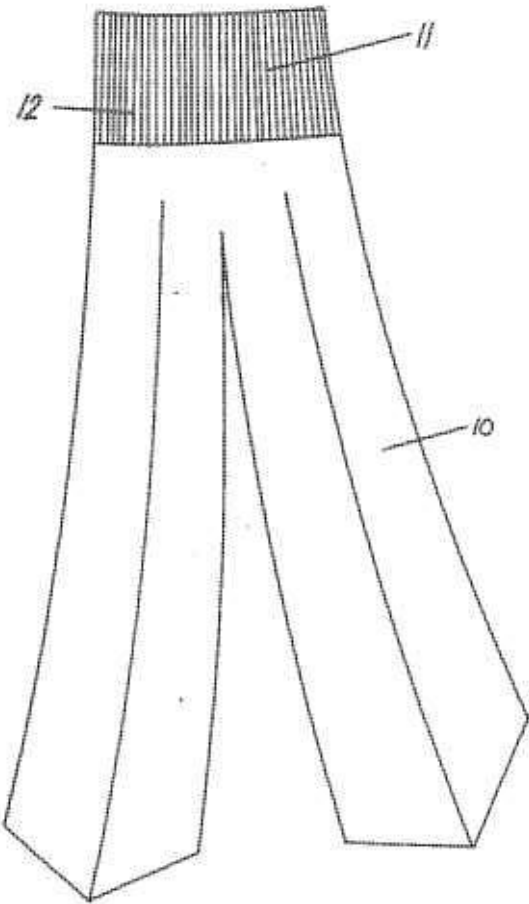
- PN - [US4819796](#) A 19890411
- PR - US19880162424 19880301
- AP - US19880162424 19880301
- DT - *
- CT - [US2003100](#) A []; [US2285745](#) A [];
[US2635721](#) A []; [US3115959](#) A [];
[US3126076](#) A []; [US3141535](#) A [];
[US3292747](#) A []; [US3443671](#) A [];
[US3542170](#) A []; [US3647035](#) A [];
[US3881579](#) A []; [US4098376](#) A [];
[US4361215](#) A []; [US4585127](#) A [];
[AU163921](#) A []; [GB512708](#) A []
- CCI - [A45C3/004](#)
- PA - KINGPORT INT CORP [US]
- TI - Expandable **garment** carrier
- AB - A **garment** carrier of the type including a generally rectangular outer panel and a like sized generally rectangular inner panel joined along their respective peripheries to the opposed sides of an elongate side panel extending around the peripheries of the outside and inside panels, with the **garment** carrier being foldable along a mid portion spine extending transversely of the outside panel. User carrying means including handles and/straps are fixable to the spine in a manner known in the art. The outside panel of the **garment** carrier includes a plurality of pockets positioned thereon with each pocket including an opening associated therewith, and a means for selectively closing said opening mounted adjacent each opening. An improvement in the **garment** carrier in an **expansible** elongate side panel extending substantially along the periphery of said **garment** carrier, and closure means positioned adjacent the respective side edges of said expansion panel along the length thereof for selectably folding and maintaining said **expansible** side panel in a non-expanded position as desired. The invention further resides in an expandable means for hanger support including articulated



hanger retaining members which when folded will supported about half of the **garment** they will support when positioned in unfolded or extended position.

22/54 © EPODOC / EPO
PN - [US1282283](#) A 19181022
PR - US19150011666 19150303
AP - US19150011666 19150303
DT - I
CUI - [D06F59/02](#)
PA - C W RAYNOR [US]
TI - COMBINATION **EXPANSIBLE GARMENT**-STRETCHER.

23/54 © EPODOC / EPO
PN - [US4280229](#) A 19810728
PR - US19800126961 19800303
AP - US19800126961 19800303
DT - *; Rep
CT - || STSE (A)
[US1652914](#) A 19271213 [] (SNELL CHARLES B);
[US2492097](#) A 19491220 [] (WILLIAM KATZ);
[US3505685](#) A 19700414 [] (GRANCHELLI ELSIE L);
[US3732576](#) A 19730515 [] (GUTHIER M)
CCI - [A41D1/21](#)
PA - STEIN PAUL
TI - Maternity clothing **garment**
AB - A maternity clothing **garment** having a body portion comprising leg or skirt regions and a waist portion having a relatively vertically larger panel of elastically **expansible** and conformable ribbed knitted material extending circumferentially along the waist portion at the front of the **garment**, and a relatively vertically smaller panel of elastically **expansible** and conformable ribbed knitted material extending circumferentially along the waist portion at the rear of the **garment**, whereby the panels will conform to the shape of the wearer.



24/54 © EPODOC / EPO

PN

- [US4796305](#) A 19890110

PR

- JP19860268700 19861113

AP

- US19870110877 19871021

DT

- *

CT

- [US2923945](#) A []; [US3098235](#) A [];

[US3488775](#) A []; [US3725954](#) A [];

[US3812540](#) A []; [US4521921](#) A [];

[US4555428](#) A []; [US4596616](#) A [];

[JPS5734528](#) A []; [JPS6040423](#) A []

CCI

- [A41D1/02](#)

PA

- ITOH MITSURU [JP]

TI

- **Garment**

AB

- A **garment** has a collar flap

which is produced by folding a

part of the boundary area

between a body piece and a

flyback. A first **expansible** and

contractible interfacing member

is fitted to an area of the body

which becomes the rear side of

the collar flap when it is

folded but no interfacing is fitted

to the area of the flyback which

becomes the front side of the

collar flap when it is folded. A

second **expansible** and

contractible interfacing member

is fitted to the area of the flyback

which becomes a rear side of the

collar when it is folded. A stitch

by means of which the

first **expansible** and contractible

manner is sewn to the body is

provided in the proximity of the

position where the

first **expansible** and contractible

interfacing member fitted to the

body is folded as a collar.

Another switch by means of

which the second expansion and

contractible interfacing member

is sewn to the flyback is provided

in the proximity of the position

where the second **expansible** and

contractible interfacing member

fitted to the flyback is folded as

a collar. A free end part of the

first **expansible** and contractible

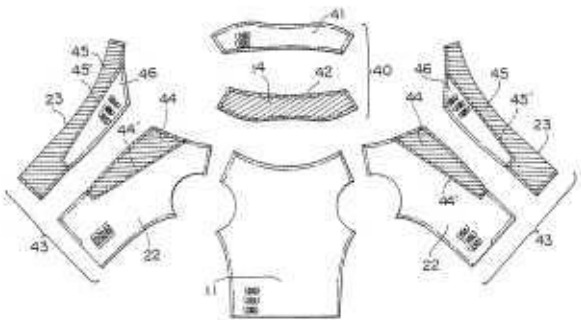
interfacing member and a free

end part of the second **expansible**

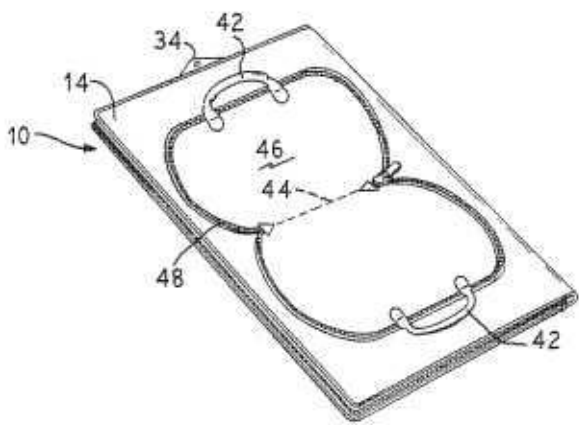
and contractible member are

joined to one another with the

aid a switch or adhesive.



PN - [US5425449](#) A 19950620
 PR - US19930103793 19930810
 AP - US19930103793 19930810
 DT - *
 CT - [US1913021](#) A []; [US1914087](#) A [];
[US1919082](#) A []; [US1975294](#) A [];
[US2893523](#) A []; [US3042939](#) A [];
[US3830348](#) A []; [US4090593](#) A [];
[US4170282](#) A []; [JPH05130910](#) A []
 CCI - [A45C3/004](#)
 CCA - [A45C2007/0013](#); [Y10S190/903](#)
 TI - Convertible bag and a method for
 converting the bag between two
 functional carrying modes
 AB - A carrier is provided for
 converting from a duffle-type bag
 to a folding, **garment** bag and vice
 versa. The duffle-type bag
 includes an oblong, soft-
 sided, **expansible** central
 compartment having an access
 through the top thereof.
 The **garment** bag includes a cover
 portion having a closure for
 receiving into a central
 compartment one or more
 garments such as suits, dresses,
 and the like. At least one hook
 may be provided for receiving a
 hanger holding the garments.
 The bag may be readily converted
 by a user from the duffle-type
 bag to the **garment** bag for the
 particular mode of transport and
 uses desired.



26/54 © EPODOC / EPO
 PN - [US2549894](#) A 19510424
 PR - US19490087087 19490412
 AP - US19490087087 19490412
 DT - *; Rep
 CT - || STSE (A)
[US2035377](#) A 19360324 [] (REDMOND HARRIET L)
[US2309601](#) A 19430126 [] (KNEIBLER ARTHUR R)
[US2439149](#) A 19480406 [] (SMICKER EMMA A)
 CCI - [A41D1/04](#)
 PA - MOUNT AIRY KNITTING CO
 TI - **Garment** with **expansible** neck opening

27/54 © EPODOC / EPO
 PN - [US2994884](#) A 19610808
 PR - US19600064898 19601025
 AP - US19600064898 19601025
 DT - *; Rep
 CT - || STSE (A)
[US501244](#) A 18930711 []
[US1307959](#) A 19190624 []
[US2668293](#) A 19540209 [] (LEVY LEONARD L)

US2685691 A 19540810 [] (JAMES ARTZ)

CCI - A41D27/18 ; A41B13/005

PA - NAT KNITTING COMPANY

TI - Garment with expansible neck

28/54 © EPODOC / EPO

PN - WO0150995 A2 20010719

PNFP - WO0150995 A3 20020207

PR - US20000481042 20000111

AP - WO2001US00900 20010111

DT - *; Rep

CT - |EP| ISR (A3)

US5520674 A 19960528

[DA] (LAVON GARY D [US], et al)

[DA] 1,3-5,7,14,16-20

* figure -; claim - *;

US5649920 A 19970722 [A] (LAVON GARY DEAN [US], et al)

[A] 1,3,20

* column A *

* column 7, lines 1-35 *

* column 13, lines 21-63 *

* column 17, lines 16-25; figures 1,2 *;

EP0768070 A1 19970416

[A] (PROCTER & GAMBLE [US])

[A] 1,5,14,16,17

* column 7, line 41 - column 8, line 57; figure - *;

US3881491 A 19750506

[DA] (WHYTE DAVID DENZIL)

[DA] 1

* column 6, lines 40-68; figure - *;

WO9500089 A1 19950105

[DA] (PROCTER & GAMBLE [US])

[DA] 1,4,5,11,13,14,16-20

* the whole document *;

US5330459 A 19940719

[DA] (LAVON GARY D [US], et al)

[DA] 1,4,5,14,16,18,19

* column 4, line 66 - column 6, line 20; figure - *

CCI - A61F13/47218 ; A61F13/47263 ; A61F13/493 ; A61F13/495

CCA - A61F2013/1539 ; A61F2013/4956

PA - (A2 A3)

PROCTER & GAMBLE [US]

TI - (A2)

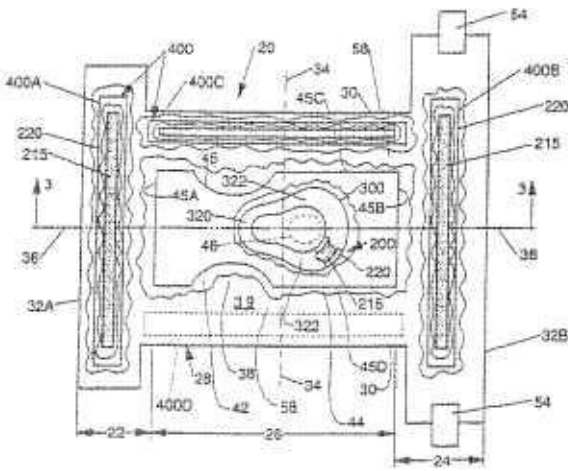
DISPOSABLE GARMENT HAVING AN EXPANDABLE COMPONENT

- (A3)

DISPOSABLE ABSORBENT GARMENT HAVING AN EXPANDABLE COMPONENT

AB - (A2 A3)

A disposable garment having a consumer-activated component that is expandable to improve the fit and function of



the **garment**. The expandable component includes a compressed, resilient, **expansible** member disposed within a sealed, air-impermeable envelope. The expandable component can be activated so that the component expands in a direction toward the body of the wearer of the **garment** by the application of a tensile force on the **garment** to expose an opening in the envelope, to thereby admit air into the envelope and allow the compressed **expansible** element to expand to its substantially uncompressed condition. When expanded, the **expansible** element can define a collection chamber for waste matter, or it can provide closer contact between the **garment** and the body of the wearer at predetermined areas to improve the fit of the **garment** to the body of the wearer, or it can provide closer contact between the **garment** and the body of the wearer to position an absorptive member adjacent a body opening to improve the absorption by the absorptive member of waste bodily fluids. The **garment** can thus be a disposable diaper, a sanitary napkin, or the like.

29/54	© EPODOC / EPO	.
PN	- RU94027296 A 19960810	
PNFP	- RU2090172 C1 19970920	
PR	- WO1992US09388 19921102; US19910795560 19911121	
AP	- RU19940027296 19921102	
DT	- I	
CCI	- A61F13/49009 ; A61F13/49011 ; A61F13/49015 ; A61F13/4963 ; A61F13/15658 ; A61F13/15764 ; A61F13/15804 ; B29C65/086 ; B29C65/7443 ; B29C66/1122 ; B29C66/43 ; B29C66/431 ; B29C66/433 ; B29C66/4722 ; B29C66/71 ; B29C66/723 ; B29C66/81427 ; B29C66/83411	
CLC	- B29C66/71 , B29K2075/00 , ADD - B29C66/71 , B29K2007/00 , ADD - B29C66/8122 , B29K2827/18 , ADD - B29C66/71 , B29K2021/00 , INV	
CCA	- B29C66/72327 ; B29L2031/4878 ; A61F13/49017 ; A61F13/491 ; A61F13/496 ; B29C65/7847 ; B29C66/72343 ; B29C66/727 ; B29C66/729 ; B29C66/7294 ; B29C66/8122 ; B29C66/81419 ; B29C66/81435 ; B29C66/83511 ; B29C66/9141 ; B29C66/919 ; A61F2013/49023 ; A61F2013/49033 ; B29C66/9513 ; Y10T156/1034 ; Y10T156/1051 ; Y10T156/1054	
PA	- (A) PROCTER & GAMBLE - (C1) PROCTER & GAMBLE [US]	
TI	- (A) ELASTICIZED ONE-TIME GARMENT AND METHOD OF ITS MANUFACTURE - (C1)	

ELASTICAL DISPOSABLE CLOTHING ARTICLE AND METHOD FOR MANUFACTURE OF **GARMENT** ARTICLE

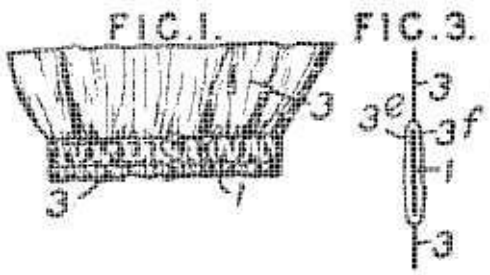
AB - (A)
FIELD: underwear one-time garments, as for example, one-time training shorts featured by a high degree of extension in lateral direction and satisfying a wide range of users' sizes. SUBSTANCE: the one-time **garment** is produced from a base-framework and has a hole for the waist, holes for two legs and two seams connecting the front and rear parts of the framework. The one-time **garment** has an absorbing assembly, i.e. an absorbing insert attached to the inner layer of the framework. The base-framework, used for production of a one-time **garment**, has four elasticized side panels; each of them is elasticized by attachment of an elastomeric member to it so that the side panel becomes elastically **expansible** in the direction of original expansion. After that the framework front part is connected to the framework rear part with the aid of a seam on each side of the one-time **garment**. EFFECT: facilitated procedure.

30/54 © EPODOC / EPO

PN - [GB191405166](#) A 19140716
PR - GBT191405166 19140228
AP - GBD191405166 19140228
DT - *
CCI - [A41D27/20](#)
PA - HOLORAN JOHN DENNIS
TI - Improvements in the Construction of Crosspockets for Wearing Apparel.
AB - 5166. Holoran, J. D. Feb. 28. Pockets.-To enable heavy or bulky articles to be carried in a coat or like pocket without causing the material of the **garment** to sag, one side of the pocket, preferably the outer side, is formed of two parts A, B, each having a convex edge C, D, which edges are sewn together at E with the parts superposed, so that, when opened out, as shown, they form an horizontal concavity F, which is **expansible** in a vertical direction.

31/54 © EPODOC / EPO

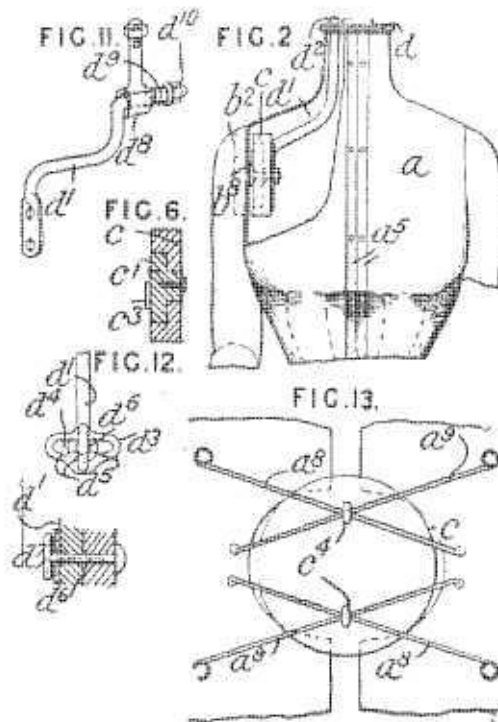
PN - [GB191308648](#) A 19140409
PR - GBT191308648 19130412
AP - GBD191308648 19130412
DT - *
CCI - [A41B9/14](#)
PA - BUCKLER WILLIAM; KERR OLIVER
TI - Improvements in or relating to Knitted Garments.
AB - 8648. Buckler, W., and Kerr, O. April 12. Sleeves and legs; jerseys &c.-Knitted garments are provided with one or more contractible and **expansible** parts having an elastic band enclosed between the **garment** fabric without doubling or folding this fabric. The **garment**, such as a pair of knickers, is made of single-ply fabric 3 until the point is reached where an elastic band is required, such as the ends of sleeves and legs and at the waist. The method of knitting is then changed and a double-ply fabric is made having two walls 3<c>, 3<f> to enclose a rubber band 1. When a length of double ply has been made, sufficient to



enclose the elastic, the single-
ply fabric is resumed. Reference
has been directed by the
Comptroller to Specifications
18,518/94, 8396/12, and 21,432/13.

32/54 © EPODOC / EPO

- PN - [GB190520682](#) A 19060517
PR - GBT190520682 19051012
AP - GBD190520682 19051012
DT - I
PA - GEMS JULIUS FREDERICK [GB]
TI - Improvements in or relating to
Lay Figures or **Garment** Forms.
AB - 20,682. Gems, J. F. Oct. 12. Lay-
figure stands.-Consists chiefly in
improvements in attaching the
arms so as to avoid undue strain
on the shell and, in the case of
figures with adjustable bodies,
to prevent the arms from being
moved forward or backward, with
the changes in the size of the
figure. Fig. 2 shows an **expansible**
figure a divided longitudinally
into four parts, the lateral edges
of which are strengthened by
channelsection sheet metal
a<5>. The disk b<2> carries a
hook b<8> engaging in an eyelet
c<3>, Fig. 6, in the revoluble part
c' of the supporting-disk c ; the
revoluble part c' may be of the
form shown in Fig. 6 or may be a
flat disk sunk in the face of the
disk c. The disk c is carried by a
bent rod d<1>, Fig. 2, which is
held by a nut d<3> in the fixed
disk d. The hooks b<8> pass
through circular or oval apertures
in the shell ; the latter form of
aperture allows a slight
backward or forward shift of the
arms as desired ; the apertures
are always smaller than and
covered by the disks b<2>. The
rod d' may be formed as shown
in Fig. 11 with its upper end
passing through a hole bored
slightly askew in a stirrup d<8> ;
a coiled spring d<9> abuts
against the stirrup and a nut
d<10> surrounds the rod and
permits it to yield when the shell
is expanded and to return when
contraction takes place. Fig. 12
shows another arrangement for
the same purpose ; the rod d<1>
carries a flat plate d<3> in which
is formed a slot d<4> provided
with depressions d<5>; a bolt
d<6> rests in one of these



depressions and secures the rod to the arm-supporting disk ; or this disk may be dispensed with, in which case the cross-head d<7> is formed on the bolt d<6> which keeps the bolt in place when the arm is hanging, but permits of removal when the arm is raised into an horizontal position. When the disk and plate d<5> are used together, the disk is formed in a single piece. The rods may be supported by a fixed plate at the waist, instead of at the neck. Fig. 13 shows an arrangement for supporting the arms directly by the shell ; rods or stout wires a<8>, a<9> are riveted on two sections of the shell and pass slidably through eyelets c<4> on the inner side of the arm-supporting disk c. The above arrangement of mounting the arms may be used with non-**expandible** figures or with figures of the kind shown in Fig. 1 of Specification No. 21,000, A.D. 1902.

33/54 © EPODOC / EPO

PN - [GB190425776](#) A 19050105

PR - FRX190425776 19040601

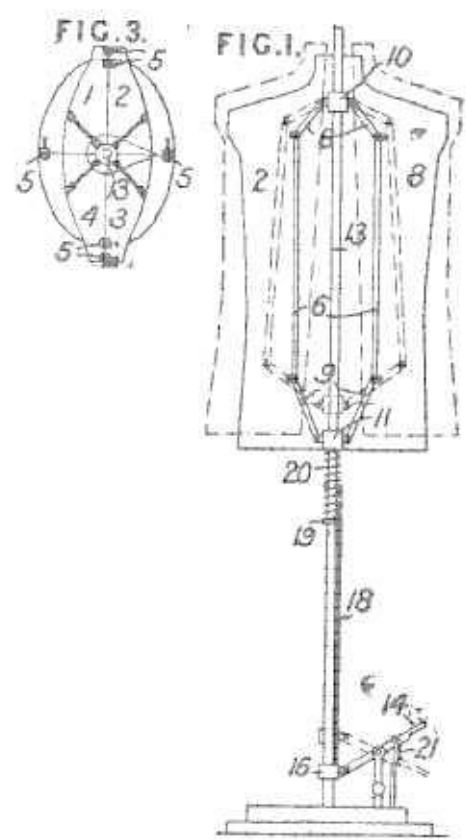
AP - GBD190425776 19041126

DT - I

PA - DESLANDES EDMOND [ES]

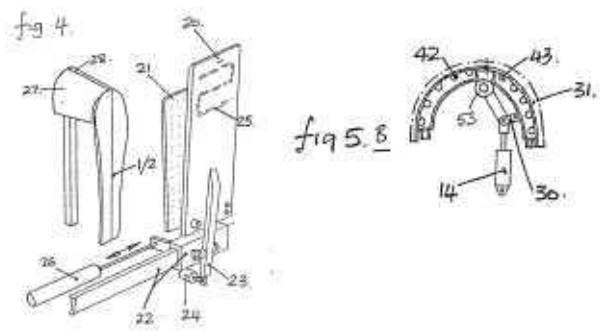
TI - An Expanding Tailor's Bust or Dummy Figure.

AB - 25,776. Deslandes, E. June 1, [date applied for under Patents Act, A.D. 1901]. Stretchers, **garment**. -An **expandible** bust for displaying or stretching garments consists of a number of parts which can be displaced radially from a vertical rod. In the form shown, sections 1, 2, 3, 4 are secured elastically to rods 6, each connected by links 8 to a fixed ring 10 on a rod 13, and by links 9 to a sliding ring 11. The ring 11 is moved upwards, to expand the bust, by means of a lever 14, provided with a rack 21 or other retaining-device, and connected to a ring 16 sliding on the rod 13. A rod 18 connects the ring 16 to a ring 19 which bears, by means of a spring 20, on the ring 11. The sections 1, 2, 3, 4 are connected together by guides 5 which keep them parallel. The ring 11 may be arranged above the links 9, in which case it is depressed to



expand the bust. The rod 13 may be suspended, the collar 11 then being fixed and the collar 10 movable, and, in this case, the weight of the bust serves to expand it. The surface of the sections may be elastic. They may be formed of a number of strips.

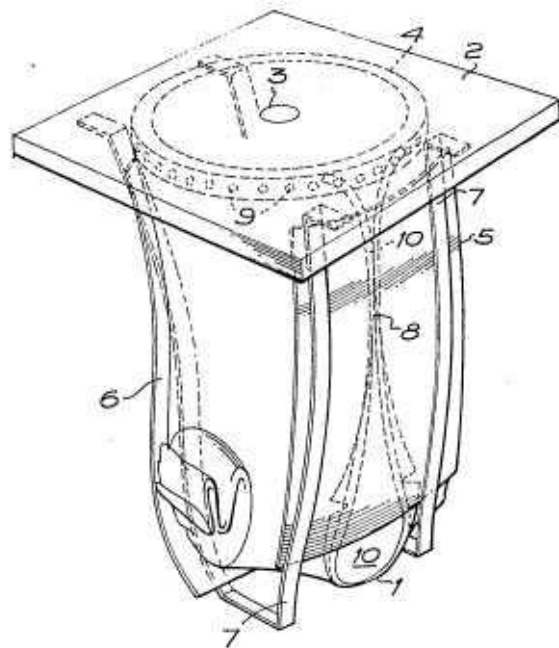
34/54	© EPODOC / EPO
PN	- GB2231340 A 19901114
PNFP	- GB2231340 B 19921209
PR	- GB19890010708 19890510
AP	- GB19900009994 19900503
DT	- *
CT	- (A B) GB2068020 A []; GB2068021 A []
CCI	- D06F71/28 ; D06F71/26
PA	- (A B) EVERETT DEV LTD [GB]
TI	- (A) Garment sleeve pressing, shoulder pressing, nipping and draping
	- (B) A MACHINE FOR GARMENT SLEEVE AND SHOULDER PRESSING
AB	- (A) A machine for sleeve pressing includes, in addition to an adjustable (expansible) two part sleeve form (1/2), an adjustable shoulder support (27, 28), in which respect adjustment means (14, 53) for the sleeve form are linked with adjustment means (14, 30) for the shoulder support so that the latter automatically expands in proportion to the expansion of the sleeve form. The sleeve form comprises a fixed front section (1) and a movable rear section (2), preferably pivotally attached thereto, and the shoulder support similarly preferably comprises a pivotal rear section 28. Also provided are mobile pressing plates (20, 21) for pressing material against the sleeve form (1/2) and means for supply of steam, air, vacuum to a garment mounted on the machine. Other optional features include an adjustable pressing head assembly (31a, 31b, fig 9) for mating with the shoulder support (27/28) and/or an adjustable nip assembly (36, 37, figs 7, 8) for armhole pressing.



<IMAGE>

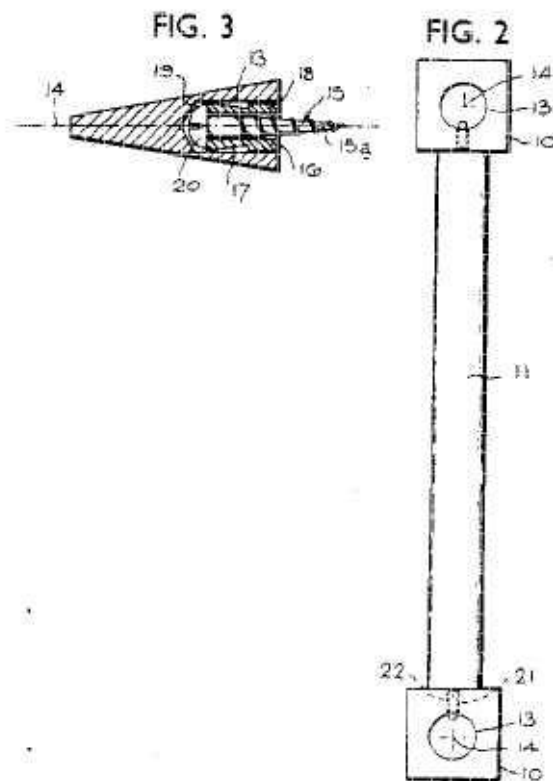
35/54 © EPODOC / EPO

- PN - [GB2019301](#) A 19791031
- PR - GB19790019405
19790604; GB19780010619
19780317
- AP - GB19790019405 19790604
- DT - *
- CCI - [B29C44/181](#)
- CCA - [B29L2031/48](#) ; [B29L2031/4842](#)
- PA - WIRA & MATHER
- TI - Casting limbs on body forms
- AB - A body form, particularly for use in the production of garments, is cast within a female mould defined by a **garment**.
The **garment** may be lined to avoid contamination by the casting material which may comprise an **expansible** plastics material. The **garment** e.g. a jacket is attached to a ring 4 on a plate 2 and openings are closed by pieces of fabric. The jacket is held between plates 5, 6 in straps 7. <IMAGE>



36/54 © EPODOC / EPO

- PN - [GB1286625](#) A 19720823
- PR - GB19680047089 19681004
- AP - GB19680047089 19681004
- DT - *
- CCI - [A47K10/04](#) ; [E05B1/0015](#)
- PA - EVERED & CO LTD
- TI - IMPROVEMENTS RELATING TO
SECURING MEANS FOR HANDLES
AND THE LIKE ARTICLES
- AB - 1286625 Handles EVERED & CO Ltd
6 Oct 1969 [4 Oct 1968] 47089/68
Heading A4U [Also in Divisions
E1-2] A bar type handle, mounted
on a door by slidefitting a recess
13 in each leg 10 on a post
member anchored in and
projecting from the door, is
retained by a wedging action
between a grub screw 22, in a
threaded bore 21, and the post.
The post consists of a wood
screw 15 having a metal or
plastics sleeve 16 which has a
frusto-conical surface 17 co-
operating with the inner end of
the grub screw, and the conicity
may be such that, as the screw is
moved inward, the handle is
moved towards the door. The
invention is stated to be



appreciable to knobs, towel rails, **garment** hooks and to handles mounted on opposite surfaces of a door in which case the wood screws may be replaced by a screw and nut. In further modifications, the door-penetrating member is **expansible** to grip internally a blind socket, or the grub screw is replaced by a split tubular element of spring metal or by a circlip of circular section which engages a groove in the recess 13 and the conical surface or a groove in the sleeve.

37/54 © EPODOC / EPO

PN - [GB820940](#) A 19590930

PR - US19550497965 19550330

AP - GB19550034745 19551205

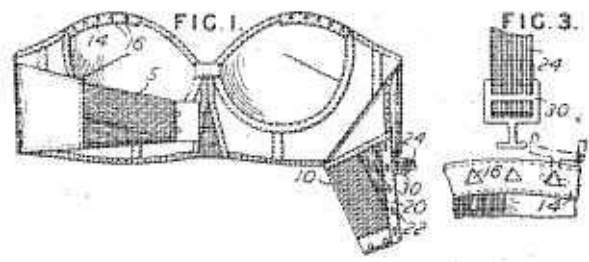
DT - **

CCI - [A41F1/006](#)

PA - ARTHUR GARSON

TI - Improvements in brassieres

AB - 820,940. Brassieres. GARSON, A. Dec. 5, 1955 [March 30, 1955], No. 34745/55. Class 141 A brassiere &c has detachable shoulder straps 24 with T-shaped fastening members 30 at their ends for selective engagement with apertures 16, 22 provided in strips 14, 20 respectively which are secured to the front and rear upper edges of the **garment**. The strips 20 are of **expansible** material and are secured by zig-zag stitching to the rear **expansible** bands 5, 10. The apertures 22 in the strips 20 are of slotlike form while the apertures 16 are triangular or heart-shaped.



38/54 © EPODOC / EPO

PN

- [GB475223](#) A 19371116

PR

- GB19360033241 19361203

AP

- GB19360033241 19361203

DT

- *

CCI

- [A41B9/08](#)

PA

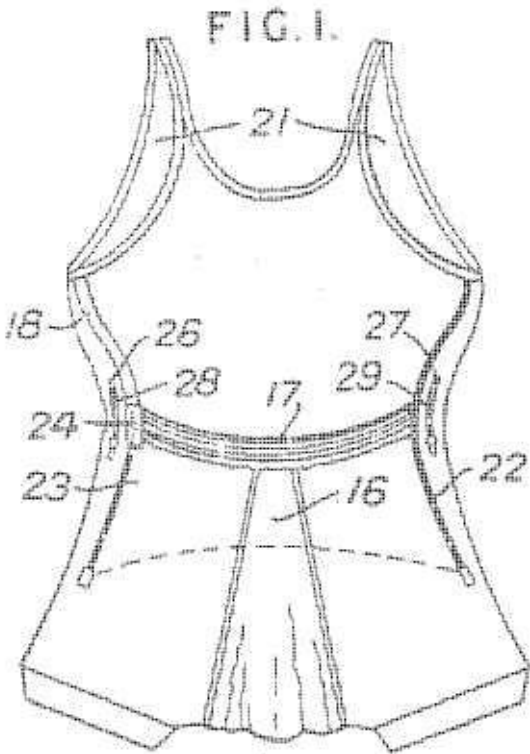
- BOSTON KNITTING MILLS INC

TI

- Improvements in or relating to undergarments

AB

- 475,223. Drop - seat undergarments. CLEVELAND, F. J. (Boston Knitting Mills, Inc.) Dec. 3, 1936, No. 33241. [Class 141] A drop-seat undergarment of the kind having elastic webbing 17 extending across the upper edge of the drop seat 16 with its ends secured to non- elastic reinforcing tapes 18 extending along the sides of the **garment** to the edges of the armholes 21, is provided adjacent the ends of the elastic webbing 17 with substantially vertically extending slits 26, 27, which are adapted to be closed by sliding-clasp fasteners 28, 29. Elastic webbing is provided around the armholes and neck and leg openings, and elastic yarn extends along the lower edge of the flap 23. A lock seam 22 extends from the edge of each armhole to the outer end of the lower edge of the flap 23, and a piece of tape encased in each end of the elastic webbing 17 serves to secure it, as by stitching 24, to the body of the **garment**. In a modification, the **garment** is provided with sleeves which are formed integrally with the shoulder portions of the **garment**, and the wales of the cloth in the body part of the **garment** are arranged so as to provide an **expansible** neck opening.



39/54 © EPODOC / EPO

PN

- [GB989833](#) A 19650422

PR

- GB19630032682 19630819

AP

- GB19630032682 19630819

DT

- *

CCI

- [A41F1/006](#)

PA

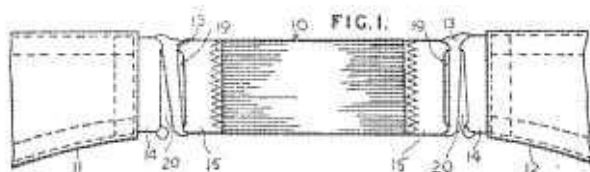
- HESTIA BRASSIERE CO PTY LTD

TI

- Improvements in or relating to brassieres and other foundation garments

AB

- 989,833. Brassieres. HESTIA BRASSIERE CO. PTY. Ltd. Aug. 19, 1963, No. 32682/63. Heading A3V.



[Also in Division E2] A resiliently **expansible** detachable back section of a foundation **garment** is secured at its ends by fastening means, at least one of the fastening means includes a flat buckle of resiliently flexible sheet material provided with a hook-like part' engaging a sleeve-like loop of soft material such that the hook-like part and the loop extend transversely to the direction of tension in the back section. An elastic back section 10 and the ends 11, 12 of a brassiere have loops 14, 15 which are secured to a closed loop 19 and open loop 20 of buckles 13. Alternatively one fastening may comprise a hook and eye fastening.

PN

- [GB1502399](#) A 19780301

PR

- GB19750029576 19750715

AP

- GB19750029576 19750715

DT

- **

CCI

- [D06F71/26](#) ; [D06F71/28](#)

PA

- IBIS ENGINEERS LTD

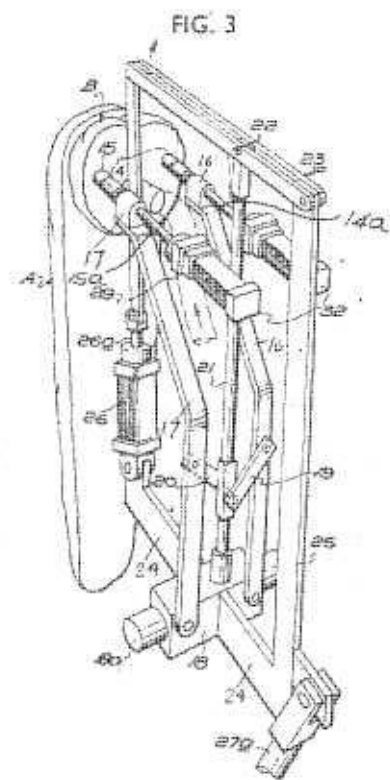
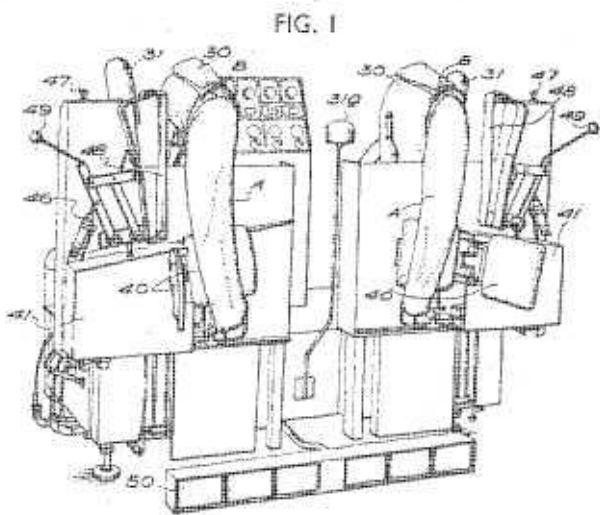
TI

- **GARMENT** PRESSING MACHINES

AB

1502399 Presses IBIS ENGS Ltd 7 July 1976 [15 July 1975] 29576/75

Heading DIA A press for the sleeve and armhole seams of a jacket or coat comprises a sleeve form A **expansible** within the sleeve to press the sleeve seam and movable into clamping relationship with a pressing head B within the **garment** body to press the armhole seam, vacuum being applied to the form A to retain the sleeve thereon while steam is applied to the interior of the sleeve before pressing and air is applied thereto during and after pressing. Form A comprises two parts which are moved apart by a pneumatic cylinder 26 and a linkage 14a, 15a, 16, 17, 19, 20, 21, 22 such linkage also serving to expand the head B, while the clamping pressure is produced by cylinders 32. A cuff press 40, a spring- loaded internal cuff-form and a sleeve engaging strip 48 are also provided. Steam is supplied through the head B to the form A and sleeve via perforations, and "dry" steam may also be supplied to the cuff press 40. The steam and air (first hot then cold) supply are controlled by timers.



PN - [GB790661](#) A 19580212

PR - GB19550028690 19551007

AP - GB19550028690 19551007

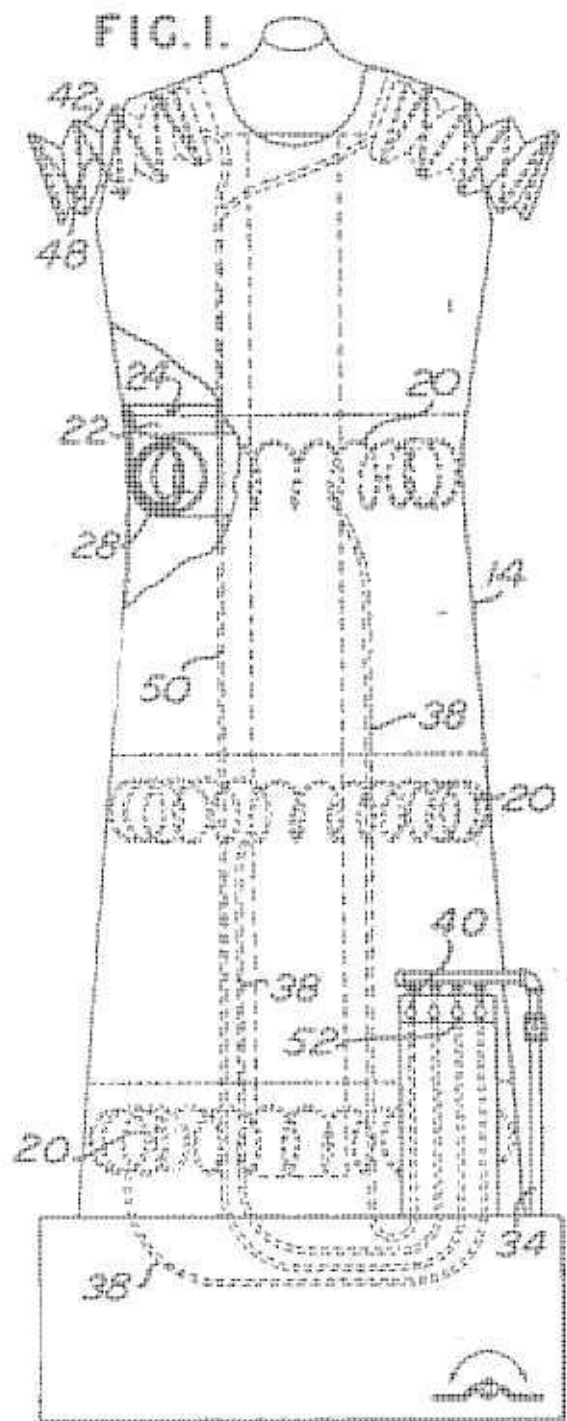
DT - *

CCI - [D06F73/00](#)

PA - WICHITA PREC TOOL CO INC

TI - Adjustable forming bag
for **garment** finishing machines

AB - 790,661. **Garment** drying and/or
finishing. WICHITA PRECISION
TOOL CO., Inc. Oct. 7, 1955, No.
28690/55. Class 34(1) In a **garment**
finishing machine comprising an
inflatable flexible bag 14 for
supporting a **garment**, the
diameter of the bag when fluid
under pressure is admitted
thereinto to inflate it is
controlled by means of at least
one **expansible** loop 20 attached
to the bag 14 intermediate the
ends thereof, due to the
resistance of the **expansible** loop
to the fluid pressure. The bag 14
is of permeable material e.g.
fabric, and is inflated by hot air
and/or steam pressure. In the
example three loops 20 are
provided each loop comprising a
continuous coil spring mounted
in a continuous flexible tube 22
stitched to the bag 14 as at 24.
The spring loops 20 are each
contained in a continuous
inflatable conduit 28 made of
rubber or other expandable
material and in the form of a
bellows. The pressure of the
fluid supplied to the bag 14 is
preferably insufficient to expand
the spring loops 20, thereby
maintaining the diameter of the
bag adjacent each loop 20 fixed.
If this diameter is too small to
properly form the bag 14 in
accordance with the shape or
size of the **garment** being treated
the conduits 28 must be inflated
to expand them. Each conduit 28
is 'therefore connected by a hose
38 through a control valve 40 to
an air or other fluid supply pipe
34. A valve 52 controls the flow of
fluid under pressure through a
hose 50 to sleeve members 42 of
the bag 14, each sleeve 42
comprising a bellows like
inflatable conduit containing an
elongated coil spring 48.
Modifications. Instead of a
continuous coil spring each loop
20 may comprise a pair of coil



springs connected at their end
 (Fig. 3, not shown). In a further
 modification (Fig. 4, not shown)
 each loop 20 comprises a
 continuous coil spring of
 appreciably smaller diameter
 than the surrounding bellows,
 and the nature of the material
 from which the bellows is made
 is such as to normally be
 contracted and have sufficient
 force to hold the spring in a
 contracted condition.

42/54

© EPODOC / EPO

PN

- [GB1508597](#) A 19780426

PR

- GB19740028554 19750421

AP

- GB19740028554 19750421

DT

- *; Rep

CCI

- [A41D1/21](#)

PA

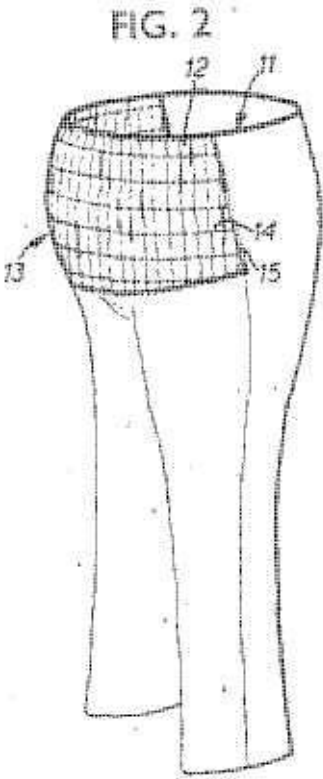
- GEFF LTD

TI

- **GARMENT**

AB

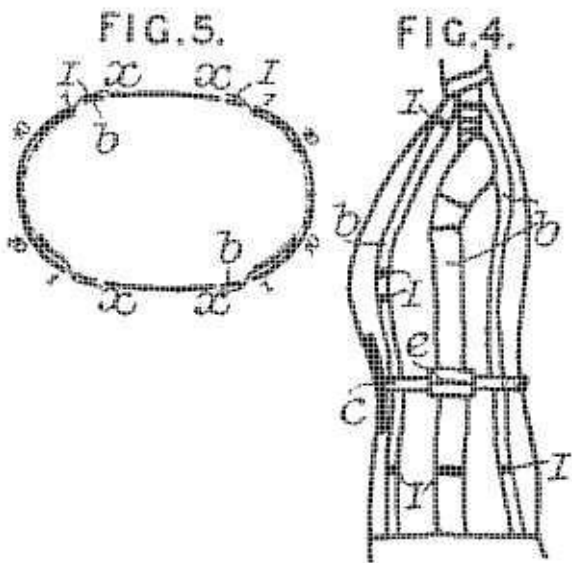
- 1508597 Garments GEFF
 (DRESSES) Ltd 21 April 1975 [27
 June 1974] 28554/74 Heading A3V
 A **garment** for covering at least
 the lower part of the trunk has
 an area of greater resilient
 expansibility at least in the
 horizontal direction than other
 parts of the **garment** below waist
 level, the area extending
 downwardly from the waist
 region over substantially the
 whole abdominal region of the
 wearer and extending across
 substantially the whole width of
 the front portion of the **garment**.
 Area 13 has horizontal
 elasticated threads 14 and is
 attached to the elasticated or
 elastic front portion 12 of
 waistband 11 and sewn at lower
 seam (16) into the **garment**. Area
 13 extends to or beyond side
 seams 15. The material of the
 area is gathered between
 vertical threads (17). The area
 may be of the same material as
 the **garment**, integral with it and
 be ruched with elasticated
 thread. The area may comprise a
 smocked, ruched or pleated
 portion or portions in which the
 material is **expansible** in the
 horizontal direction only. Parts e.
 g. the sides of the area may be
 resiliently **expansible** and parts e.
 g. the centre be non-**expansible**.
 Area 13 extends down 20 to 30 cm
 from the waistline or **garment** top
 to give abdominal support for



maternity wear. An area 13 may be provided above the waist. Examples of garments are outerwear, dresses, skirts, slacks, trousers, swimwear, nightwear, underwear and pants.

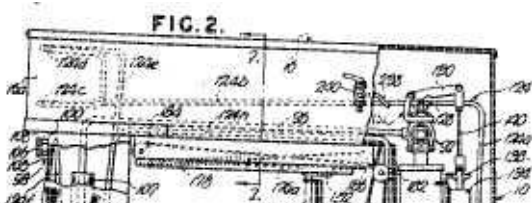
43/54 © EPODOC / EPO

- PN - [GB359493](#) A 19311023
- PR - CSX359493 19290724
- AP - GB19300022156 19300723
- DT - *
- CCI - [A41H1/10](#)
- PA - RUDOLF SCHILLER
- TI - A measuring jacket or shape for tailors and dressmakers
- AB - 359,493. Measuring jacket for tailors. SCHILLER, R., 4, Mengsgasse, Aussig-on- Elbe, Czecho-Slovakia. July 23, 1930, No. 22156. Convention date, July 24, 1929. [Class 141.] In a tailor's measuring jacket of the sectional type with the sections connected by bands of elastic insertions, the jacket is constructed to fit a small normal figure but with the insertions sufficiently elastic to fit large figures. Measuring tapes extend across the insertions and have end blank portions, the arrangement being such that the exposed portions of the tape only show markings when the wearer's figure is larger than the normal. As shown in Figs. 4 and 5, the measuring tapes I are attached outside the **garment** at one end x and expend outside the elastic insertions b and from thence under the **garment**. An adjustable waist-belt c is provided with a spirit level e and fits on vertical measuring strips of steel or the like at the back and front. By putting the bust on an **expansible** dummy figure and expanding the figure until the necessary figures are exposed, the figure of a person living at a distance may be obtained, and after the measuring jacket is removed, the actual **garment** may be tried on the dummy.



44/54 © EPODOC / EPO

- PN - [GB993866](#) A 19650602
- PR - US19610110095
19610515; US19620172024 19620208
- AP - GB19620018573 19620515
- DT - *



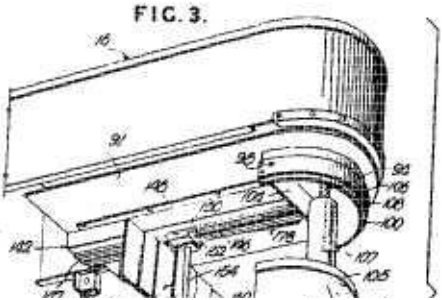
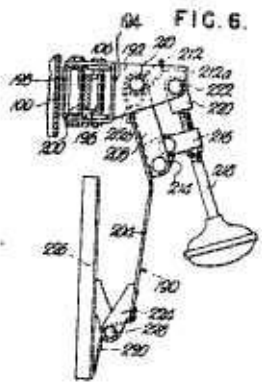
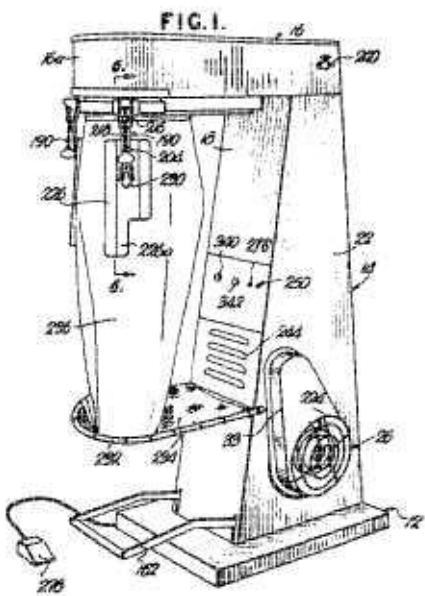
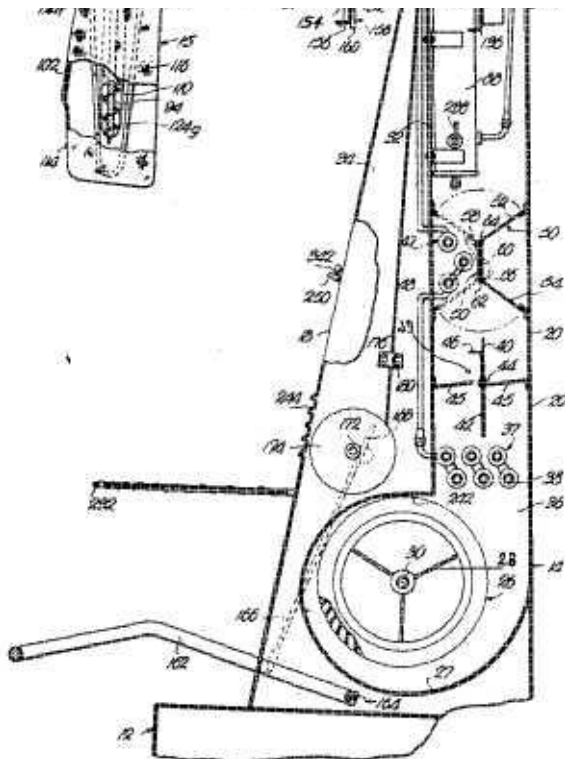
- CCI

- [D06F73/00](#)
- PA

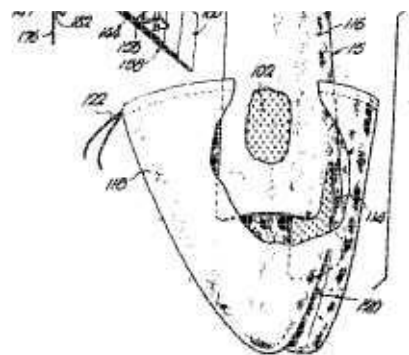
- WICHITA PREC TOOL CO INC
- TI

- **Garment** finishing machine having pleat clamp
- AB

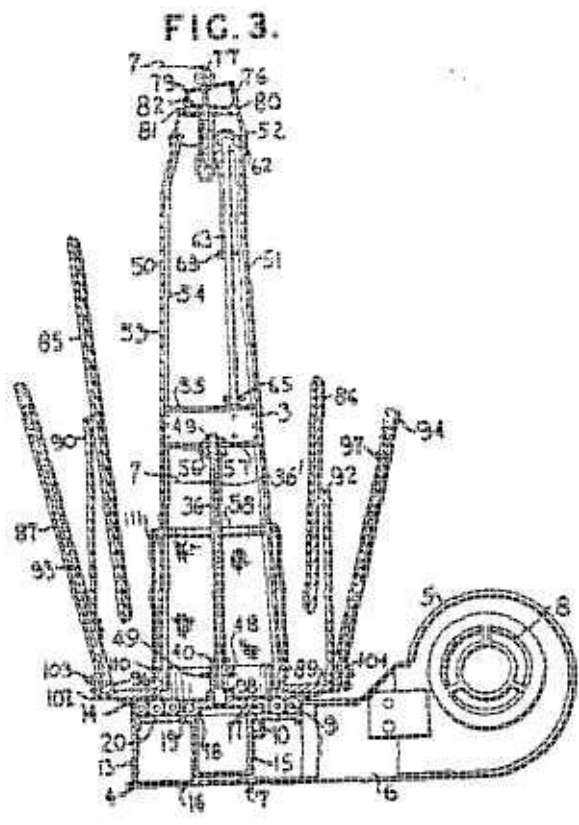
- 993,866. Ironing machines. WICHITA PRECISION TOOL CO. Inc. May 15,1962 [May 15, 1961; Feb. 8,1962], No. 18572/63. Heading D1A. In a finisher for waisted garments 236 (e.g. trousers), an upright support 14 has a lateral extension 16 from which the **garment** 236 is suspended by means of **expansible** structure 15, 160 which holds the waist taut, there being an opening in extension 16 and a steam discharge manifold 94 for directing air and steam respectively into the **garment** 236. Unit 15 of the **expansible** structure 15, 160 is fixed and consists of a vapour-permeable sock 107 surrounding manifold 94 and spaced from it by a coil spring 110, a semicylindrical backing member 102 fixed to extension 16 and consisting of a perforated plate with a vapour-permeable cloth covering 116, and a vapour-permeable bag 118 with draw-string 122. Unit 160 of **expansible** member 15, 160 consists of several flexible plates which can be moved towards unit 15, against the pins of a spring 178, by pressing a foot lever 162. A heating pipe 124a. . . h carrying steam serves to heat (a) unit 15 and extension 16 to discourage condensation of steam, and (b) air supplied by a blower 26. The last is done by means of two sets of finned steam tubes 38, 48. Air from blower 26 passes over tubes 38, through a flow control device 40, 42 (if open), is then passed over tubes 48 for further heating or by-passes them depending on the position of baffles 52, 54, and then passes along exterior 16 and down into unit 15. A support 232, 234 is provided to support the bottom of the **garment** 236 folded over so that vapours are forced through the material of the **garment**. A manually-operated switch enables the operator to choose one of two cycles controlled by adjustable timers, viz. (a) steam, followed by air heated by tubes 38 and 48, or (b) steam together with air



or (b) steam together with air heated by tubes 38 only, followed by air heated by tubes 38 and 48. A footoperated starting switch 278 is provided. Air can be supplied even when not automatically provided for, by means of another manually-operated switch. Air from blower 26 is used to cool the motor. An auxiliary steam supply line, other than that supplying manifold 94, is provided, ending in a handoperated valve 240 to which a hand-operated steam gun may be connected. Pleat clamps. Pleat clamps 190 (Figs. 1, 6) are movably mounted on a semi-circular strip 106 mounted around the top of unit 15. Each clamp 190 has two rollers 196, 200 for gripping strap 106 and includes a clamp plate 226 spring-biased away from the **garment** 236 but movable into contact with the **garment** by manual means 218. Figs. 9-16 (not shown) show modified clamps in which the clamp plate 226 is replaced by a foraminous mesh of very fine metal or plastic wire stretched across the front of either (a) a part-cylindrical slightly flexible plate, the concave surface of which is covered with a condensation-absorbing material, e.g. crok, and faces the **garment** 236 against which the mesh is pressed, (b) a flat perforated plate, or (c) a frame of rods coated with a flocculent, condensation-absorbing material.



PN - [GB1079093](#) A 19670809
PR - US19650449087 19650419
AP - GB19660011748 19660317
DT - **
CCI - [D06F73/00](#)
PA - MC GRAW EDISON CO
TI - **Garment** finishing apparatus
AB - 1,079,093. Steaming apparatus for garments. McGRAW EDISON CO. March 17, 1966 [April 19, 1965], No. 11748/66. Heading D1A. [Also in Division F4] A **garment** finisher comprises a hollow base 4 supporting a frame 3 surrounded by a fabric bag (2) Fig. 2, for supporting a **garment**, the part of the bag above the waist portion presenting little resistance to the flow of air therethrough whereas the rest of the bag is less permeable, means being provided in the base for supplying air under pressure to the bag. Frame 3 is rotatably supported on the base 4 which includes a blower housing 5. Heating apparatus 9 comprising a coil (22) with fins between which air passes is mounted round a cup-like member 16 to which steam is supplied. Steam can pass from member 16 through line 27 and base 28 to a steam gun 29. Steam is delivered from member 16 through line (44) to the lower end (34<1>), Fig. 6 (not shown) of a hollow member (34) mounted on top of member 16 and having an open upper end 35. A nozzle tube 36 coaxially mounted within member (34) forms a passage (39) for steam which escapes to be deflected by an adjustable collar 40 beyond which there are steam apertures in tube 36. Upright members 50, 51 e.g. of sheet metal, are secured to a band (46) at the lower edge of frame 3 and carry, at their upper ends, a shoulder piece 52, braces 55 being provided midway up. Shoulder extensions (61) slidable on shoulder piece 52 are connected by arms 63 to a bracket 65 carried by braces 55. Links (68) pivotted to arms 63 have their inner ends connected to a slide (70) mounted in a tubular member (71) secured to shoulder piece 52, Figs. 7 and 8 (not shown). A pin or bolt (72) extends through a



slot (73) in member (71) and is connected to a rod (74) extending upwardly through a bore (75) and a collar support (76), a handle 77 being provided on its upper end for operating it to move extensions (61) outwards and inwards, the arrangement being held in any selected position by a resilient member (78). Collar support (76) Fig. 8 (not shown) is hinged to shoulder piece 52 and is held by a spring member 81 in a forward position against the action of springs (83). Clamp means 85 is carried on a leaf-spring 90 secured to a lever 87 pivotted to base 4 its movement being limited by adjustable screw 103. A rod 93 slidable to a limited extent in lever 87 has a hand grip 94 at its upper end and a detent (95) at its lower end to engage an adjustable stop (96) on bracket 89 when the lever is swung inwardly, Fig. 5 (not shown). Clamping member 86 is similarly mounted. The bag has a lower portion (105) of very closely woven nylon of limited permeability and an upper portion (107) is of open mesh cloth presenting little resistance. The bag (2) is preferably non- **expansible** and does not fill the **garment** which is expanded by the fluid. A cloth member (108) of little or no permeability is placed over shoulder piece 52 under mesh portion (107). The open end of bag 2 engages round the collar support and the lower edge is secured by draw string 110 to band (46). A circular brace ring 58 secured to members 50, 51 carries a strip of towelling to catch condensation. Spreaders (116) are used in the sleeves.

PN - [GB633495](#) A 19491219

PR - US19400365681 19401114

AP - GB19470010700 19470422

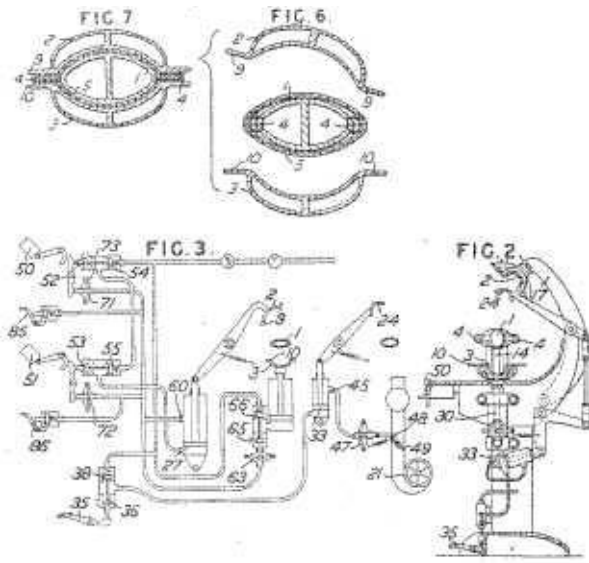
DT - **

CCI - [D06F71/36](#) ; [D06F71/16](#) ;
[D06F71/20](#) ; [D06F71/28](#) ;
[D06F71/34](#)

PA - PROSPERITY CO INC

TI - Machine for pressing sleeved articles in one lay

AB - 633,495. Ironing-presses. PROSPERITY CO., Inc. April 22, 1947, No. 10700. Convention date, Nov. 14, 1940. [Class 138 (ii)] A machine for pressing tubular articles in one lay comprises an element 1, having a plurality of pressing faces, on which the article is sleeved and **expansible** means 4 to compensate for different diameters of articles and which are yieldingly deformable towards a flattened form to conform to pressing members 2, 3 which are operable to co-operate with the element 1 and with the **expansible** means 4. As shown in Fig. 2, a buck 1 is supported at one end on a table by means of a bracket 14, its upper surface being engaged by a pressing head 2 attached to a swinging arm 17 and its lower surface by a pressing member 3 which is mounted on a vertically movable piston. The buck 1 comprises a hollow oval-shaped body internally heated and with **expansible** resilient tubes 4 on one or both of its longitudinal edges as shown in Fig. 6. The body and tubes are enclosed in a padded cover 5 which holds the tubes in place. The pressing members 2, 3 are internally heated and have extended flanges 9, 10 which flatten the tubes 4 during the pressing operation as shown in Fig. 7 and so press the entire surface of the article in one operation. The tubes 4 are made pervious or provided with a relief valve or both to permit air which is provided by an electrically driven fan 21, Fig. 3, to escape during this operation. The buck body may be modified so that the faces are substantially parallel ; if used for shirts it may have cut-outs to accommodate the sleeves and another



modification permits both sleeves of a shirt to be ironed at once by providing the buck with two arms each with an **expansible** pipe along its outside edge. The movable pressing members are suitably shaped in each case. When used for sleeves a cuff clamp 24, operated by a piston 33, is provided. In use the **garment** is sleeved over the buck and expanded by depressing a pedal 35, Fig. 3. This closes an exhaust valve 36 and opens a compressed air supply valve 38 which by operating piston 33 lowers the cuff clamp on to the **garment**. In its travel the piston 33 uncovers a part 45, and air can then operate diaphragm 47, which by a link 48 opens a valve 49 in the air supply pipe to the buck 1 and so permits the fan 21 to expand the **garment**. The press is then closed by a two-hand system comprising two push buttons 50, 51, Fig. 3. Depressing both buttons opens compressed air supply valves 54, 55 which are series connected and closes exhaust valves 52 and 53. The air raises piston 27, so lowering the head 2 and in its travel the piston uncovers a port 60 which permits the air to operate diaphragms 72, 73 which lock the valves 54, 55 open and the valves 52, 53 closed and also operates a diaphragm 63 which opens a compressed air supply valve 66 and closes an exhaust valve 65. The lower pressing member is consequently raised into contact with the buck. When the **garment** has been sufficiently pressed the pedal 35 is released which permits the cuff clamp to move and cuts off the air supply to the **garment** from the fan 21. The press is opened by operating either one of two levers 85, 86, which releases the air pressure on the diaphragms 63, 71, 72, permitting the valves 52 . . . 55 and 65, 66 to return under spring pressure to their initial positions, so releasing pistons 27, 30 which open the press. The pressing elements and the cuff clamp return to their initial position under spring pressure.

PN - [GB129965](#) A 19200708

PR - USX129965 19180713

AP - GB19190009617 19190415

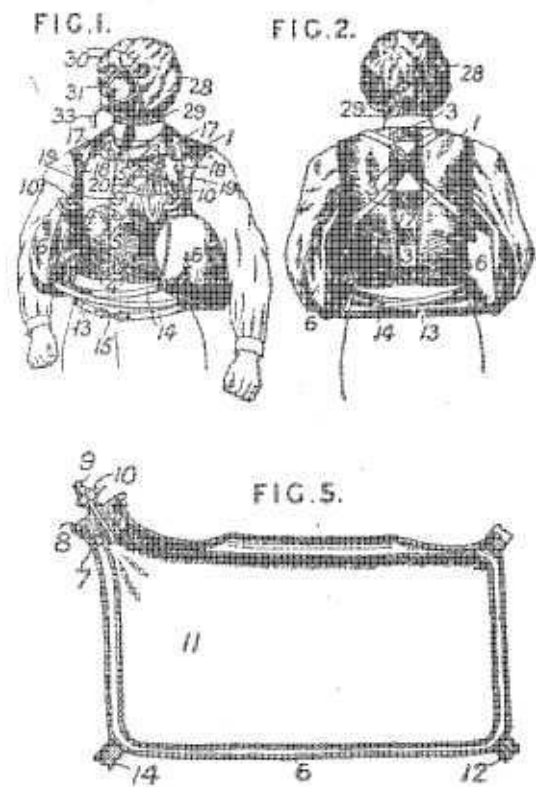
DT - *

CCI - [B63C9/1255](#)

PA - RE DOMENICO DEL [US]

TI - Improvements in or relating to Buoyant Life-saving Garments.

AB - 129,965. Del Re, D. July 13, 1918, [Convention date]. Body attachments, inflatable and buoyant; head coverings.-A buoyant life-saving **garment** consists of a vest-like body **garment** 1, to which is attached on each side a receptacle 6 containing an air-tight bag 11, Fig. 5, adapted to be inflated through the tube 9 and valve 10 by the wearer. The bag 11 is fixed to the tube 9, which passes through a screw plug 8 adapted to screw into a screwed ring 7 forming the mouth of the receptacle 6. The two sides of the **garment** are connected at the back by electric straps 3, and the front is formed with button-holes 5 and provided with spaced rows of buttons 4, to adapt it for use by persons of different size. The lower rear ends of the receptacles 6 are connected by an elastic strap 12, and their lower front ends are provided with elastic straps 13, 14, which are made sufficiently long to be passed, say, twice round the body and are provided at their free ends with the members of a snap-hook fastening 15. Shoulder straps 17, which may also be of elastic material, are attached to the rear upper ends of the receptacles 6, and are of sufficient length to be crossed under one of the straps 3, and to be secured by their end rings 18 to snaphooks 19 fixed to the **garment**. The **garment** is also provided with one or more pockets 20, each adapted to contain a waterproof bag fitted with a removable cap or closure and serving to contain valuables. The mouth of the pocket is provided with an elastic band, and the cap or closure of the bag is provided with a chain 26 adapted to be passed through a ring 23 fixed to the **garment**. For use more particularly in salt



water, to prevent the wearer of the **garment** from swallowing any water when immersed, the helmet or head covering 28 is employed. This helmet has an **expansible** neckband 29, glazed eye-apertures 30. a snout 31 containing absorbent material, such as sponge, and an air-pipe 33 attached to the snout.

48/54 © EPODOC / EPO

PN - [GB409114](#) A 19340426

PR - USX409114 19321230

AP - GB19330006739 19330306

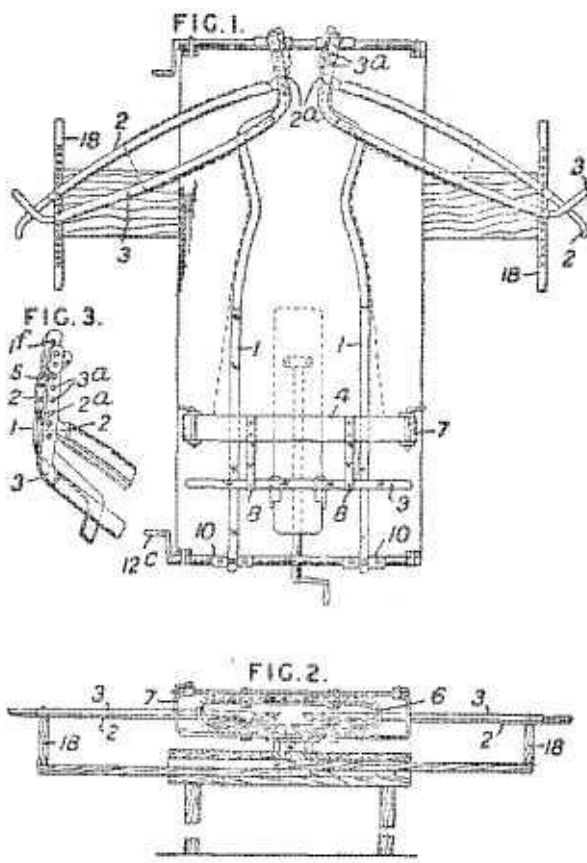
DT - *

CCI - [A47G25/66](#)

PA - HOWARD ADDISON JOHNSTON

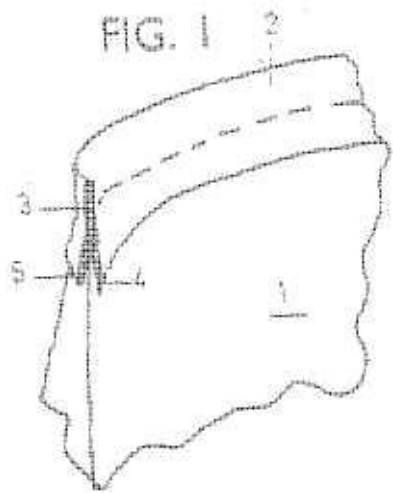
TI - Improvements in **garment** stretchers

AB - 409,114. **Garment** stretchers. JOHNSTON, H. A., 1, Silver Birch Avenue, Toronto, Canada. March 6, 1933, No. 6739. Convention date, Dec. 30, 1932. [Class 141.] A device for stretching and reshaping garments comprises a pair of side bars adapted to be fitted within the **garment**, mechanism, on which the bars are removably carried, for separating them to stretch the **garment** transversely, and means for securing the bars in their adjusted position before removal from the mechanism. To stretch the **garment** longitudinally, the bottom thereof may be secured to a band actuated by a pull bar which lies across and may be clamped to the side bars. The sleeves of the **garment** are fitted on pairs of adjustable sleeve bars carried by the side bars. When the stretching is completed, the pull bar is clamped to the side bars, and the other ends of the side bars and the sleeve bars are also retained in their expanded positions, whereupon the **expansible** device is removed from the expanding mechanism. In one form, each shaped side bar 1 is provided with a series of holes 1 f to receive one end of a pin 2<a> on the upper sleeve bar 2. The other end of this pin is received in one of a series of holes 3<a> in the lower sleeve bar 3, and a locking pin 5 on the



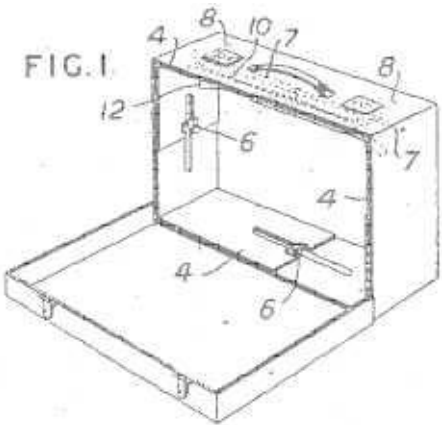
top sleeve bar 2 engages one of the holes 1f. The lower portions of the bars 1 are encircled by a band 4 faced with carding cloth 6, this band co-operating with a frame 7 to grip the skirt of the **garment**. To the band 4 and frame 7 are secured U-shaped yokes 8 embracing a pull-bar 9, whereby the **garment** is stretched longitudinally. Each end of each side-bar 1 is moved by a studded slide 10 carried on nuts threaded on the right or lefthanded thread of shafts provided with crank handles 12<c>. The nuts are held from rotation by slotted tubes carried by the shafts. The pull-bar 9 is similarly actuated. The lower ends of the side bars 1 are held as adjusted by clamping the pull-bar 9 thereto, while the upper ends are similarly clamped to a hanger. The outer ends of the sleeve bars are adjusted on the perforated parts 18, and are then clamped together. Spring clips provided at the inner end with carding cloth are used to hold the sleeves against longitudinal movement. The side bars, which are of metal faced with wood, may be provided with waist adapters. Bands 4 of different sizes are provided. The band may be grooved, the **garment** being clamped therein by spring clips, a tongued bar or an elastic retainer. For stretching trousers, two pairs of side-bars may be used, to be held in the adjusted position by clips and by H-bars with clamps. In stretching a skirt, the waist is held by carding cloth. For shaping a coat, flexible auxiliary means are attached to the side-bars, e.g. means comprising a plurality of connected and resiliently mounted sections of sheet steel. Cloth provided with a central slide fastener is basted to the front opening of the coat. In other forms, the pairs of bars are moved by toggle links.

PN - [GB1272549](#) A 19720503
 PR - DE19700034313U 19700916
 AP - GB19710002159 19710115
 DT - *
 CCI - [A41F9/02](#)
 PA - HERRENKLEIDERWERKE ODERMARK G [DE]
 TI - ARTICLE OF CLOTHING
 AB - 1,272,549. **Garment** bands.
 HERRENKLEIDERWERKE ODERMARK G.m.b.H. 15 Jan., 1971 [16 Sept., 1970], No. 2159/71. Heading A3V.
 An article of clothing 1, e.g. a pair of trousers or a skirt, includes a variable length band 2, the band comprising a Y-section resilient member to which the article of clothing is sewn between the arms 4, 5 of the Y. The two arms 4, 5 of the Y may have different resilience. The outside of the band 2 may have a surface which matches the material of the article of clothing 1, or which is made in the form of a belt, and the inside of the band may be provided with a surface which is resistant to slipping on the wearer. The edge of the article of clothing 1 can be matched to the expansibility of the band 2 by use of a material which is **expansible** in itself.



50/54 © EPODOC / EPO

PN - [GB512708](#) A 19390925
 PR - GB19380001538 19380117
 AP - GB19380001538 19380117
 DT - *
 CCI - [A45C13/03](#)
 PA - SALOMON SALOMON
 TI - Improvements in or relating to trunks
 AB - 512,708. Wardrobe trunks.
 SALOMON, S. Jan. 17, 1938, No. 1538. [Class 18] A trunk is fitted, either temporarily or permanently with an **expansible** liner which is provided with means for supporting **garment** hangers. The liner comprises four L-shaped members 4 clamped together by members 6 or located by a row of apertures in one member and a pin in the other, and the garments are draped over hangers 12 suspended from a telescopic rod 7 and folded round bars 10 with hooked ends which are slid over to rods 8.



According to the Provisional Specification, these may be a canvas container on either side of the liner to protect the garments, and the fittings on the liner may be as described in Specification 439,400.

- 51/54 © EPODOC / EPO
- PN

- [GB392129](#) A 19330511
- PR

- NZX392129 19320113
- AP

- GB19330001223 19330113
- DT

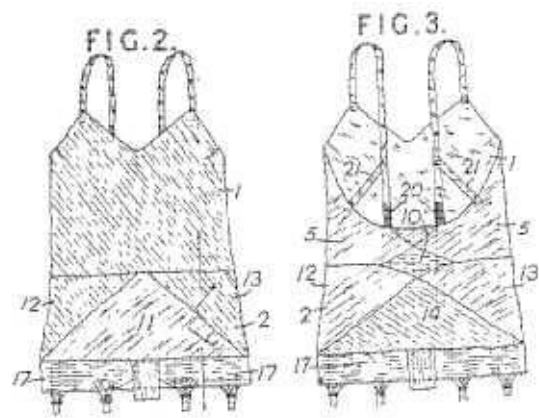
- *
- CCI

- [A41C1/06](#)
- PA

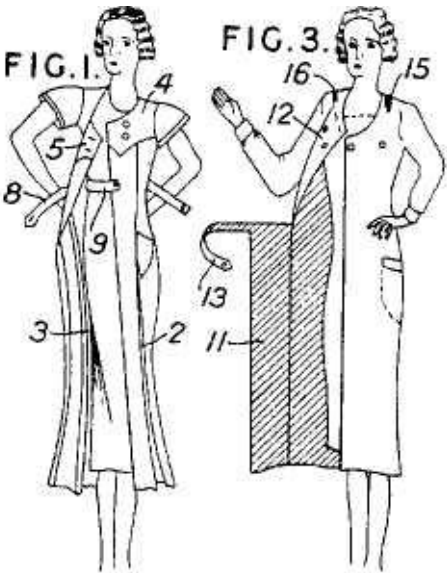
- FLORA MACDONALD SINCLAIR
BURGE
- TI

- An improved foundation **garment**
for women's wear
- AB

- 392,129. Wearing-apparel.
BURGESS, F. M. SINCLAIR-, Donald
Street, East Brunswick, Victoria,
Australia. Jan. 13, 1933, No. 1223.
Convention date, Jan. 13, 1932.
[Class 141.] A close-
fitting **garment** for women's
underwear consists of a
brassiere 1 and a skirt part 2
meeting at the waist line, the
skirt being made from four
triangular-shaped pieces 11 .. 14,
of which the front and back
pieces 11, 14 are apex upwards,
and the side pieces 12, 13 are
apex downwards with their
bases at the waist line. A band
17 may be provided on the lower
edge. The **garment** is formed from
knitted, woven, or like
fabric **expansible** in one direction,
and the skirt 2 has the wales or
lines of weaving in different
directions. The brassiere is
preferably formed from a single
piece of fabric, and has two
pointed lateral portions 5
extending around to the back
and secured thereat to form a
low back, with a small closing
insert 10. The brassiere may be
separate from the skirt or
stitched thereto, and is provided
with elastic insertions 20 and
side straps 21 on the shoulder
straps. The **garment** may be made
from a fabric **expansible** in both
directions, and the fabric may be
double with the line of weaving
in the same or different
directions in the companion
pieces of the double formation.



PN - [GB438479](#) A 19351118
 PR - GB19350000683 19350108
 AP - GB19350000683 19350108
 DT - *; Rep
 CCI - [A41D1/21](#)
 PA - HERMANN MARGULIUS
 TI - Improvements in or relating to articles of wearing apparel
 AB - 438,479. Wearing-apparel.
 MARGULIUS, H., 119, Oststrasse, D³sseldorf, Germany. Jan. 8, 1935, No. 683. [Class 141] A lady's wrap-over dress opening completely down the front, and having one of the front portions adapted to overlap the other a considerable distance, is provided with button, press-stud, clasp, or other fastening means at the top or neck part only of the dress and at one side of the centre line of the latter to fasten the overlapping parts together, the dress having one or more long laterally freely **expansible** vertical pleats 2, 3, Fig. 1, provided in each of the overlapping portions, and an outer belt 8 fastening about the waist of the wearer. The dress may also be provided with an inner belt-like fastening member 9 disposed at a higher level than the belt 8, and secured at one end to one of the front parts of the dress at a distance from its edge, this member 9 being adapted to be attached at its other end to the other front part of the dress to secure the two front parts in their overlapping position. The pleats 2, 3, extend, preferably, from the lower hem of the **garment** to a double yoke portion 4, 5. In a modification Fig. 3, one of the overlapping parts of the dress is provided with a projecting horizontal flap 11 extending from the waist to the lower hem of the dress, and having an integral belt 13 adapted to secure the front parts in the overlapping position. Stitched pleats 15, 16, are provided at the shoulders to improve the fitting of the dress, and the breast part 12 is preferably provided with facings or revers to give a slender appearance to the dress.



PN - [GB1136371](#) A 19681211

PR - GB19660000374 19660104

AP - GB19660000374 19660104

DT - *

CCI - [D06M17/00](#)

PA - EDWIN NORMAN EPSTEIN

TI - Improvements relating to composite fabrics

AB - 1,136,371. Laminated fabrics. E. N. EPSTEIN. 4 Jan., 1966, No. 374/66. Heading B5N.
 A **garment** is made at least in part from a non-rigid composite fabric composed of two contiguous and substantially co-extensive layers of fabric of which the inner layer is a relatively smooth knitted fabric **expansible** in all directions and the outer layer is a substantially less **expansible** fabric, said layers being bonded together by an adhesive in numerous discrete areas. The outer layer may be woven, knitted (including lace) or felted and may be made of natural, artificial or synthetic fibres e.g. wool, cotton, linen, regenerated cellulose, cellulose acetate, polyamide, polyester or acrylonitrile polymer continuous filament or staple fibre yarns. The **expansible** layer is preferably a silk or acetate triool though it may be made of the fibres listed above. The adhesive, preferably a thermosetting resin, may be applied in lines or as spots. The fabrics may be cut and pleated by conventional means.

54/54 © EPODOC / EPO

PN - [EP0323634](#) A2 19890712

PNFP - EP0323634 A3 19900207

PR - US19870140002
 19871231; US19870140010 19871231

AP - EP19880121799 19881228

DT - *; Rep

CT - || STSE (A3)
[EP0215408](#) B1 19911211 [A];
[US4402690](#) A 19830906
 [A] (REDFERN ROBIN [US]);
[EP0080647](#) A1 19830608
 [A] (BOUSSAC SAINT FRERES BSF [FR]);
[EP0211197](#) B1 19901205 [A];
[US3658064](#) A 19720425
 [AD] (POCILUYKO ALEXANDER)

CCI - [A61F13/49007](#)

PA - (A2)
 KIMBERLY CLARK CO [US]

TI - (A2)
 Disposable diaper having abdominal support band.
 - (A3)
 DISPOSABLE DIAPER HAVING ABDOMINAL SUPPORT BAND

AB - (A2)
 An anatomically form-fitting, generally self-adjusting disposable diaper (10) comprises an absorbent structure and an outer cover (12) for positioning the absorbent structure against the body to absorb and contain body wastes. The outer cover (12) includes front (28) and rear (30) waist panels resiliently stretchable in a cross-body direction and

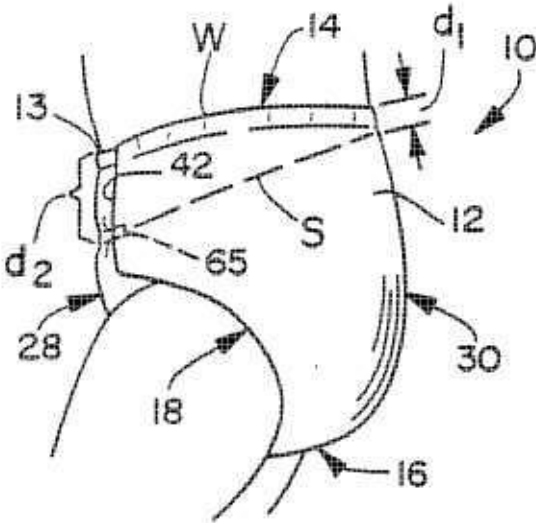


FIG. 4

defining an elastically contractible or **expansible** waist opening (W) which provides a fit line when the **garment** is secured about a wearer. An abdominal support zone which corresponds to the lower abdominal region of the wearer spaced longitudinally away from the waist opening and extending across at least the central portion of the front panel, imparts a tensile stress thereto which is greater than that of the remaining front panel and waist opening. This support band (65) can comprise a strip of material which has a relatively greater or less modulus of elasticity than the remaining front panel and waist opening. It can also be provided by a fastening system having shaped inelastic landing zones appointed on the front panel which preferentially direct tensile stresses across the support zone.

[SS 6] garment and expansible and protective

Results in EPODOC 0

[SS 7] waterproof and jacket and rain and expansion

Results in EPODOC 0

[SS 8] protective and garment and ventilation and panels

Results in EPODOC 5

[SS 9] ..li



- 1/5 © EPODOC / EPO
- PN

- [US4608715](#) A 19860902
- PR

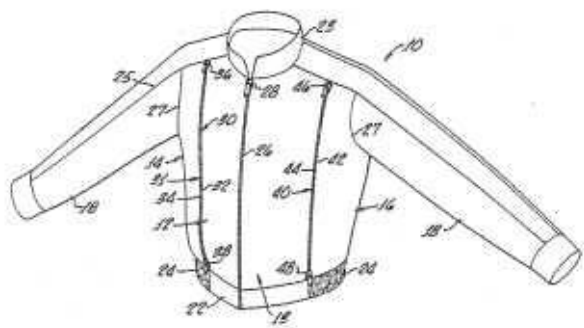
- US19850764859 19850812
- AP

- US19850764859 19850812
- DT

- *
- CT

- [US308244](#) A []; [US1360390](#) A [];
[US2010434](#) A []; [US2073711](#) A [];
[US2079980](#) A []; [US2084173](#) A [];
[US2114514](#) A []; [US2259560](#) A [];
[US2700769](#) A []; [US2713168](#) A [];
[US2715226](#) A []; [US2989754](#) A [];
[US3045243](#) A []; [US3086215](#) A [];
[US3153793](#) A []; [US3213465](#) A [];
[US3710395](#) A []; [US3761962](#) A [];
[US3921224](#) A []; [US4185327](#) A [];
[US4408356](#) A []; [US4513451](#) A [];
[EP0034518](#) A1 []; [FR1029851](#) A [];
[FR1220511](#) A []
- CCI

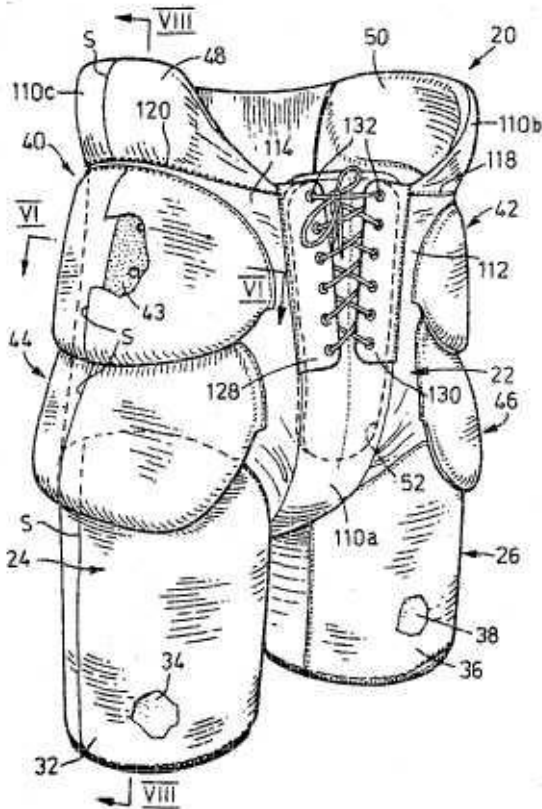
- [A41D27/285](#)



- CCA - [A41D2600/102](#) ; [A41D2600/104](#) ; [Y10S2/01](#)
- PA - FITCH WYCKOFF INTERNATIONAL IN [US]
- TI - **Protective garment** having variable **ventilation** entry and exit **panels**
- AB - A **protective garment** having a **ventilation** system having means for selectively varying the pass of **ventilation** air through the **garment** and the size of the openings of the **ventilation** entry and exit **panels** to provide proper **ventilation** and prevent billowing of the **garment**.

2/5 © EPODOC / EPO

- PN - [US4325148](#) A 19820420
- PR - CA19800350445
19800423; CA19820410630 19820901
- AP - US19800155045 19800530
- DT - *; Rep
- CT - || STSE (A)
[CA951451](#) A 19740723 [] (DELANEY JAMES G)
[US759765](#) A 19040510 [] (STALL & DEAN MFG CO [US])
[US1612766](#) A 19261228 [] (WILSON WESTERN SPORTING GOODS)
[US1803335](#) A 19310505 [] (WILSON WESTERN SPORTING GOODS)
[US1805734](#) A 19310519 [] (JONES HOWARD H)
[US1915754](#) A 19330627 [] (O'SHEA DENNIS C)
[US2239223](#) A 19410422 [] (JOHN GILMAN MARTIN)
[US3170163](#) A 19650223 [] (MITCHELL HAL D)
[US3670339](#) A 19720620 [] (BARBARA T COOPER, et al)
[US3787892](#) A 19740129 [] (QUINN P)
[US4091466](#) A 19780530 [] (KEARN RONALD)
- CCI - [A63B71/12](#)
- CCA - [A41D13/0158](#) ; [A63B71/1216](#) ; [A63B2071/1233](#) ; [A63B2071/1241](#) ; [Y10S2/91](#)
- PA - CANADA CYCLE AND MOTOR COMPANY
- TI - Uniforms for ice hockey players
- AB - An improved uniform for ice hockey players is disclosed which provides improved protection for the player and a more streamlined appearance



compared with traditional uniforms. The uniform includes an inner **protective garment** for the lower portion of a wearer's torso including the hips and the thighs, and an outer **garment** in the form of a long-legged pant to be worn over the inner **protective garment** and conventional shin pads. The inner **garment** comprises a shell provided with a plurality of pockets capable of receiving **protective** pads and including flap-like pouches at the sides of the shell for receiving hip pads. The pouches have lower portions which are free of attachment to the shell so as to permit relative movement of the underlying parts of the shell and allow a wearer reasonable freedom of bending movement at the hips. The pant includes **ventilation panels** for permitting air to pass through the **garment**.

- 3/5 © EPODOC / EPO
- PN

- [GB2352959](#) A 20010214
- PR

- GB19990018880 19990811
- AP

- GB19990018880 19990811
- DT

- *
- CT

- [GB2305191](#) A []; [EP0616065](#) A1 []; [EP0662538](#) A1 []; [US4170793](#) A []; [US4451934](#) A []; [US5589245](#) A []
- CCI

- [A41D31/0016](#) ; [A41D27/28](#)
- PA

- DESIGN PROT SYSTEMS LTD [GB]
- TI

- An article of **protective** clothing
- AB

- An article of clothing includes **ventilation** fabric 10 with three layers; an inner layer 14 which faces the wearer, an intermediate air circulating layer 16, and an outer facing layer 18. The fabric may be a conventional warp knitted structure with the air circulation layer 16 made up of polyester yarns 20 that are sufficiently stiff to keep the inner and outer facing layers 14 and 18 apart. Air is allowed to circulate along the intermediate air circulation layer 16, thereby cooling the wearer of the **garment**. The article of clothing preferably includes **protective panels** 24 (eg. bullet proof **panels**) outside the **ventilation** fabric 10.

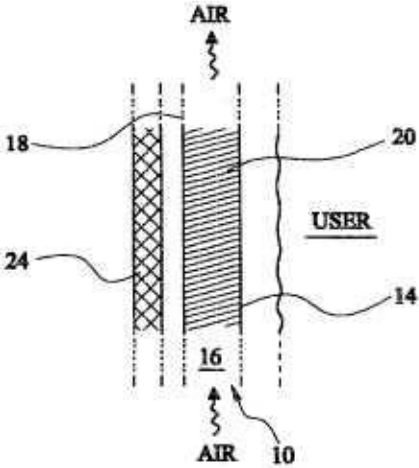


FIG. 1

PN - [CA1173203](#) A 19840828

PR - CA19820410630
19820901; CA19800350445 19800423

AP - CA19820410630 19820901

DT - I

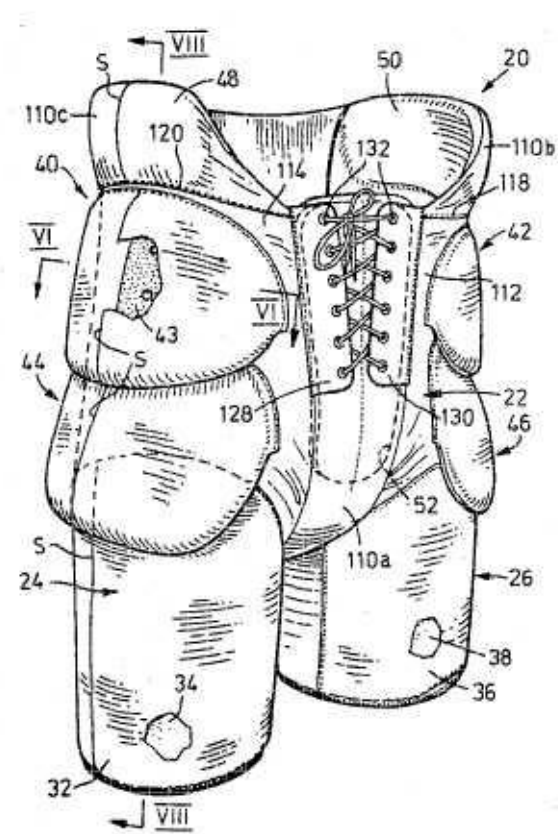
CCI - [A63B71/12](#)

CCA - [A41D13/0158](#) ; [A63B71/1216](#) ;
[A63B2071/1233](#) ; [A63B2071/1241](#) ;
[Y10S2/91](#)

PA - SPORT MASKA INC

TI - UNIFORMS FOR ICE HOCKEY PLAYERS

AB - ROGERS, BERESKIN \A PARR C A N A D A Title: IMPROVEMENTS RELATING TO UNIFORMS FOR ICE HOCKEY PLAYERS Inventor: JOHN LIVERNOIS An improved uniform for ice hockey players is disclosed which provides improved protection for the player and a more streamlined appearance compared with traditional uniforms. The uniform includes an inner **protective garment** for the lower portion of a wearer's torso including the hips and the thighs. According to the invention there is provided an outer **garment** in the form of a long-legged pant to be worn over the inner **protective garment**. The pant includes **ventilation panels** for permitting air to pass through the **garment**.



5/5 © EPODOC / EPO

PN - [CA1149554](#) A 19830712

PR - CA19800350445 19800423

AP - CA19800350445 19800423

DT - I

PA - CCM INC

TI - UNIFORMS FOR ICE HOCKEY PLAYERS

AB - ROGERS, BERESKIN \A PARR C A N A D A Title: IMPROVEMENTS RELATING TO UNIFORMS FOR ICE HOCKEY PLAYERS Inventor: JOHN LIVERNOIS An improved uniform for ice hockey players is disclosed which provides improved protection for the player and a more streamlined appearance compared with traditional uniforms. The uniform includes an inner **protective garment** for the lower portion of a wearer's torso including the hips and the thighs, and an outer **garment** in the form of a long-legged pant to be worn over the inner **protective garment** and conventional shin pads. The inner **garment** comprises a shell provided with a plurality of pockets capable of receiving **protective** pads and including flaplike pouches at the sides of the shell for receiving hip pads. The pouches have lower portions which are free of attachment to the shell so as to permit relative movement of the underlying parts of the shell and allow a wearer reasonable freedom of bending movement at the hips. The pant includes **ventilation panels** for permitting air to pass through the **garment**.