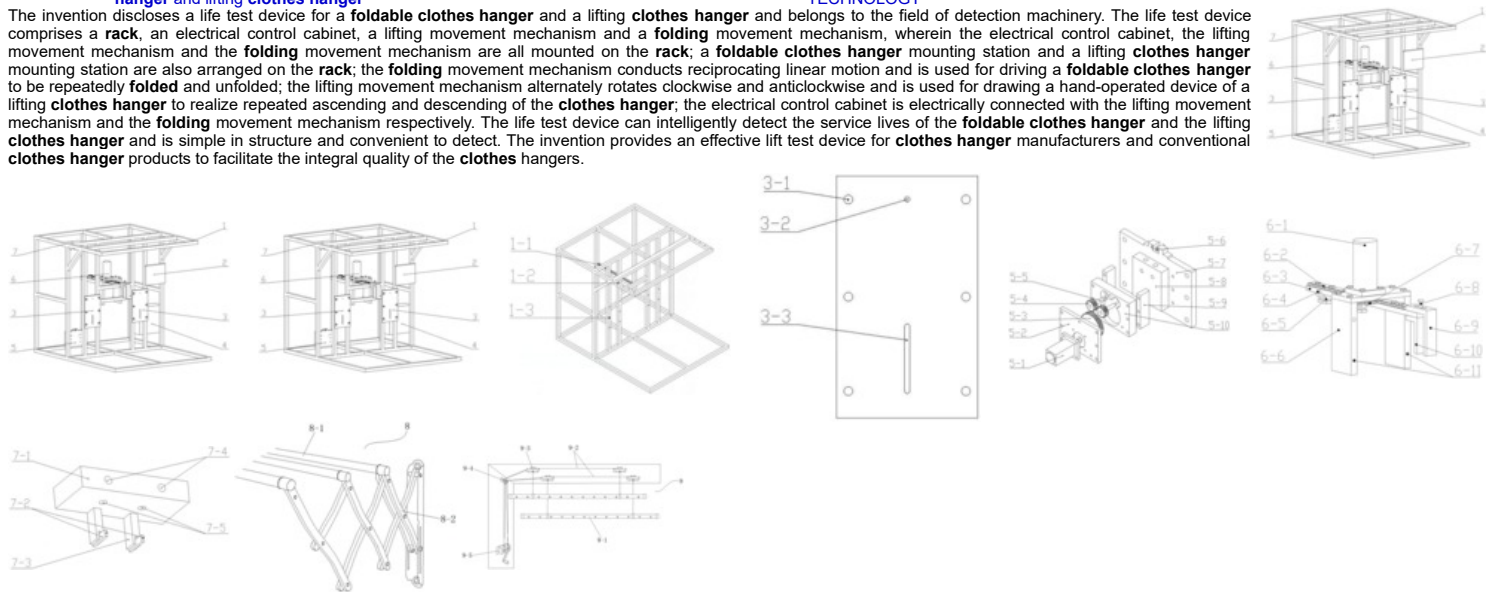


145783 results for ((Coat OR cloth+) /TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (rack OR hanger Or perch) /TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (fold+ Or collaps+) /TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX) - Collection: FAMPAT

#	Title	Publication number	1st app. date	Applicant/Assignee	1st publ. date	Publ. date
1.	Lift test device for foldable clothes hanger and lifting clothes hanger	CN104655411	2015-01-27	CHANGZHOU INSTITUTE OF TECHNOLOGY*	2015-05-27	2015-05-27

The invention discloses a life test device for a **foldable clothes hanger** and a lifting **clothes hanger** and belongs to the field of detection machinery. The life test device comprises a **rack**, an electrical control cabinet, a lifting movement mechanism and a **folding** movement mechanism, wherein the electrical control cabinet, the lifting movement mechanism and the **folding** movement mechanism are all mounted on the **rack**; a **foldable clothes hanger** mounting station and a lifting **clothes hanger** mounting station are also arranged on the **rack**; the **folding** movement mechanism conducts reciprocating linear motion and is used for driving a **foldable clothes hanger** to be repeatedly **folded** and **unfolded**; the lifting movement mechanism alternately rotates clockwise and anticlockwise and is used for drawing a hand-operated device of a lifting **clothes hanger** to realize repeated ascending and descending of the **clothes hanger**; the electrical control cabinet is electrically connected with the lifting movement mechanism and the **folding** movement mechanism respectively. The life test device can intelligently detect the service lives of the **foldable clothes hanger** and the lifting **clothes hanger** and is simple in structure and convenient to detect. The invention provides an effective lift test device for **clothes hanger** manufacturers and conventional **clothes hanger** products to facilitate the integral quality of the **clothes hangers**.

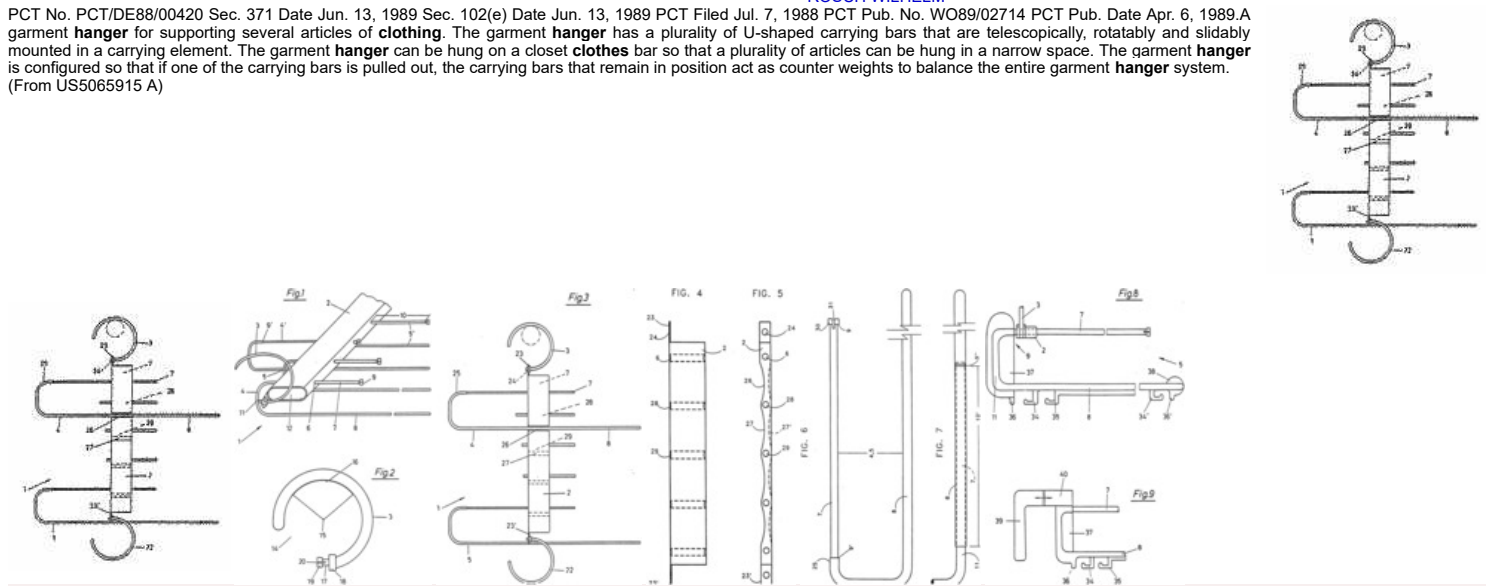


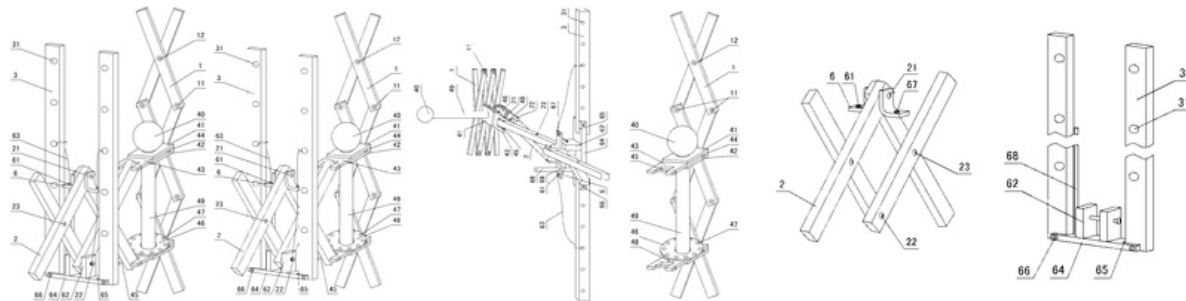
2.	Water storage unit for clotheshorses	ITPZ20120001	2012-01-18	RIZZI ANTONIO	2013-07-19	2013-07-19
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The invention applied for the patent in a particular component is designed to meet a need that regularly occurs every time you use a common **clothesline** or drying **rack**: not to pour water from the garments laid out in the various local where we use the drying **rack** or **clothesline**, (rooms, verandas, balconies, etc.). For this purpose the Universal Under **Clotheshorse**, object of the patent application, has been conceived in three-dimensional manner with a central space that satisfies both the support of the drying **rack** or **clotheshorse** itself, both to the collection of the water coming from the garments hanging on the same. In addition to this central space of variable size and shape, it was considered appropriate to add two expandable wings that could also collect the water coming from the arms of the expandable **clotheslines** or drying and conveying to the central compartment of the Universal Under **Clotheshorse**. To comply with these functions it has been necessary to conceive a simple and effective way of working, without neglecting the the cost of both production and sales.

3.	Hinged multiple coat-hanger	DE8712870	1987-09-24	PARK HWA JONG ROESCH WILHELM* ROESCH WILHELM 4300 ESSEN ROSCH WILHELM	1988-02-04	1988-02-04
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PCT No. PCT/DE88/00420 Sec. 371 Date Jun. 13, 1989 Sec. 102(e) Date Jun. 13, 1989 PCT Filed Jul. 7, 1988 PCT Pub. No. WO89/02714 PCT Pub. Date Apr. 6, 1989.A garment **hanger** for supporting several articles of **clothing**. The garment **hanger** has a plurality of U-shaped carrying bars that are telescopically, rotatably and slidably mounted in a carrying element. The garment **hanger** can be hung on a closet **clothes** bar so that a plurality of articles can be hung in a narrow space. The garment **hanger** is configured so that if one of the carrying bars is pulled out, the carrying bars that remain in position act as counter weights to balance the entire garment **hanger** system. (From US5065915 A)





A **clothespin** and a **hanger** having **clothespins**. The **clothespin** is formed by bending one end of a plastic strips having a certain width toward the other end. After bending, the lower portion forms an arc-shaped **clothespin** handle (52), and the upper portion forms two clamping heads (51). The arc-shaped **clothespin** handle (52) generates elastic tension through deformation. Between the two clamping heads (51) and the arc-shaped **clothespin** handle (52) are grooves (53) for the arc-shaped **clothespin** handle (52) to crisscross itself. The two clamping heads (51) reversely cross each other and clamp to each other by means of the grooves (53), thereby enabling the opening and closing of the **clothespin** and clamping of material. A **hanger** having **clothespins**. One type thereof consists of a V-shaped elastic self-clamping plastic hook (1), a connector (2), and a **collapsible** annular hanging frame (3), can be **folded**, and is overturn-proof and self-clamping. Another type thereof consists of an arc-shaped hook (6), a clamping sliding piece (7), a triangular hanging frame (8), and a movable pressing board (9), is self-clamping, and can clamp and hold **clothing** in place.

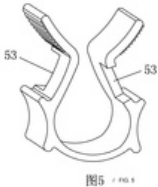
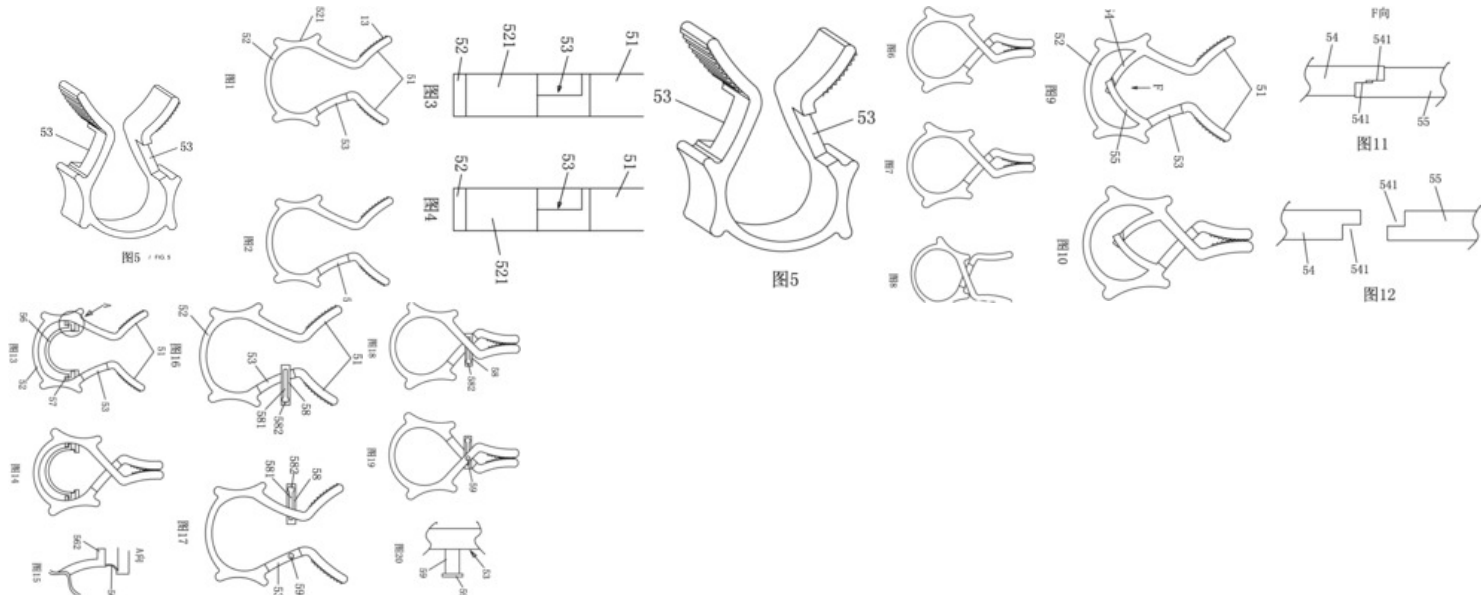
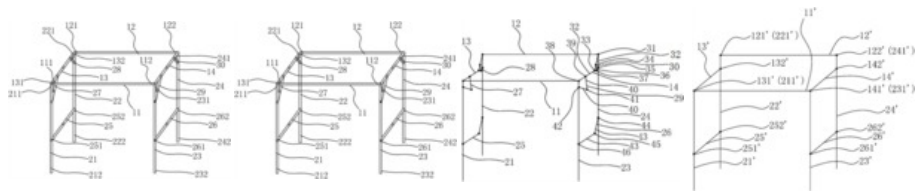
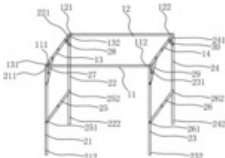


图5 / FIG. 5



The utility model provides a **folding clotheshorse**, including parallel arrangement's first main horizontal pole and second owner horizontal pole, the relative third owner horizontal pole that sets up and fourth owner horizontal pole, parallel arrangement's first main montant and second owner montant, parallel arrangement's third owner montant and fourth owner montant, relative the 5th horizontal pole and the 6th horizontal pole that sets up. Wherein, **collapsible** extremely this the first main horizontal pole of this **folding clotheshorse** overlaps with this second owner horizontal pole, and this first main montant overlaps with this second owner montant, and this third owner montant is **collapsible** extremely to be overlapped with this fourth owner montant, and this third owner's horizontal pole and the 5th horizontal pole are **collapsible** to all overlapping with this second owner montant to it is **collapsible** to all overlapping with this fourth owner montant to reach this fourth owner's horizontal pole and the 6th horizontal pole. The utility model discloses a swing joint of a plurality of horizontal poles and a plurality of montants and articulated to realize the **folding** of **folding clotheshorse** and expand.



8.

Portable clothesdrier

CN206692920

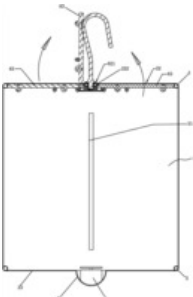
2016-11-14

YANG KELIANG

2017-12-01

2017-12-01

The utility model provides a portable **clothesdrier**, includes dry **clothing** host computer, still including rolling over the cylindric cover body of scratching, set up end lock ring that top lock ring, plastics or the degree memory alloy material made at ventilative end pocket, plastics or the memory alloy material of the bottom of the cylindric cover body made and the **clothes hanger** that can draw in in and expand, has business turn over **clothing** mouth on the cylindric cover body, has exhaust hole and perforating hole on the overhead guard **cloth**, **clothes hanger** includes couple, base and the setting a plurality of bracing pieces on the base, and top lock ring intersects the fixed connection of department with the overhead guard **cloth** and the somatic part of the cylindric cover body, the bracing piece supports overhead guard **cloth**, and the couple passes the perforating hole and stretches out, and the pedestal supports the overhead guard **cloth** of perforating hole department. The cylindric cover body, end pocket, top lock ring and end lock ring make an organic whole, and **clothes hanger** draws in **foldingly**, and **clothes hanger** can dismantle and be **collapsible** with the overhead guard **cloth** of the barrel cover body, and the host computer can be dismantled with end pocket, event portable.



9.

Improvement structure of folding clotheshorse

CN202658453

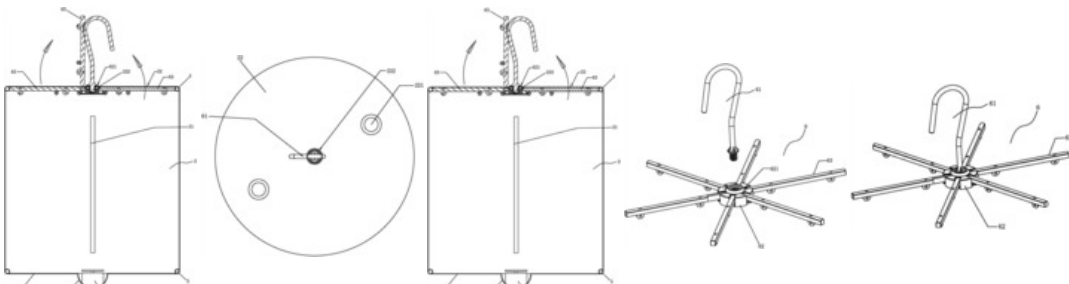
2012-07-26

XU WENQIANG

2013-01-09

2013-01-09

The utility model discloses an improvement structure of a **folding clotheshorse**. The improvement structure comprises a **cloth** airing rod and vertical rods perpendicularly arranged at the left end and the right end of the **cloth** airing rod, the lower end of each vertical rod is fixed on a base, the front side or the back side of the **clotheshorse** is further provided with a pair of **folding clotheshorses**, a press rod is arranged above the **cloth** airing rod in parallel, and an elastic device is arranged between the **cloth** airing rod and the press rod, so that the press rod is elastically pressed on the **cloth** airing rod. The **folding clotheshorse** comprises a subsidiary rod which is in parallel with the **cloth** airing rod, an upper support rod is respectively arranged above the left end and the right end of the subsidiary rod, a lower support rod is respectively hinged under the left end and the right end of the subsidiary rod, the upper ends of the two upper support rods are respectively hinged to the left end and the right end of the **cloth** airing rod, and support structures for supporting and fixing the lower support rods on the vertical rods are arranged between the vertical rods and the lower support rods. According to the improvement structure, the quantity of **cloth** airing rods can be increased and decreased as required, and **clotheshorse** pothooks hung on the **cloth** airing rod and the **clothes** on the **cloth** airing rod can not be blown off by wind.



10.

Folding cardboard coat hanger

FR2758071

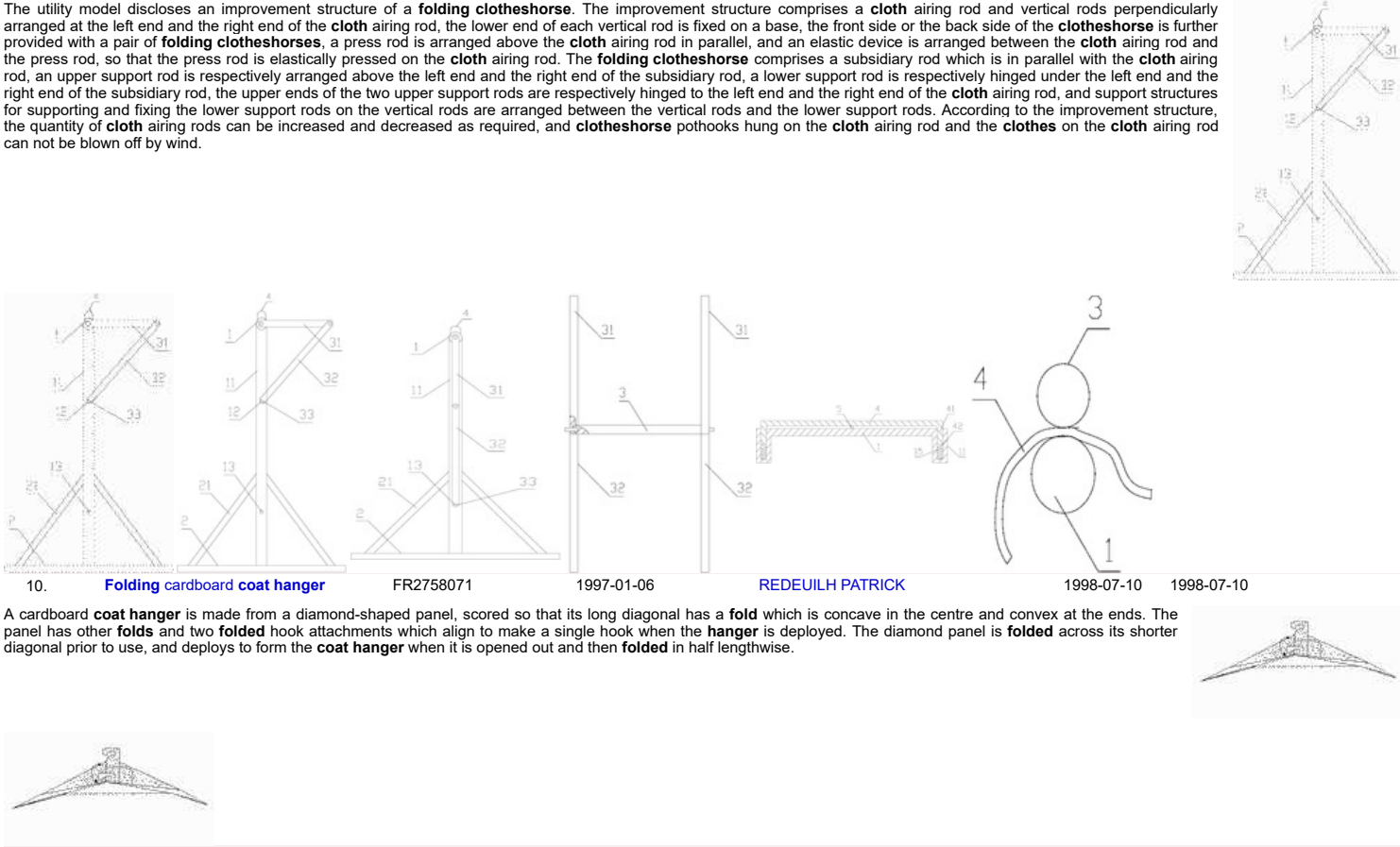
1997-01-06

REDEUILH PATRICK

1998-07-10

1998-07-10

A cardboard **coat hanger** is made from a diamond-shaped panel, scored so that its long diagonal has a **fold** which is concave in the centre and convex at the ends. The panel has other **folds** and two **folded** hook attachments which align to make a single hook when the **hanger** is deployed. The diamond panel is **folded** across its shorter diagonal prior to use, and deploys to form the **coat hanger** when it is opened out and then **folded** in half lengthwise.



11.

Folding clotheshorse

CN203128882

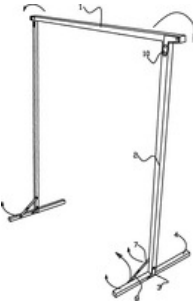
2013-03-29

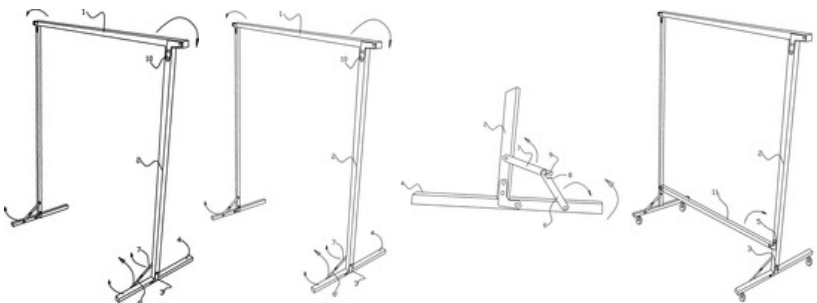
HU LIZHEN

2013-08-14

2013-08-14

The utility model discloses a **folding clotheshorse**. The **folding clotheshorse** comprises a transverse bar and two vertical bars. The transverse bar and the vertical bars are connected in a **folding** mode, the lower end of each of the vertical bars is movably connected to a respectively-corresponding fixed bar through an L-shaped connection bar, and a corresponding connection bar is arranged between each vertical bar and the corresponding fixed bar of the vertical bar. Each connection bar is composed of a first connection bar and a second connection bar, one end of the first connection bar is hinged with the corresponding fixed bar, the other end of the first connection bar is hinged with one end of the second connection bar, the other end of the second connection bar is hinged with the vertical bar; and the hinge joint of the second connection bar and the first connection bar is provided with a limit unit which enables the first connection bar and the second connection bar to mutually bend inwards only. Each fixed bar is movably connected with the corresponding vertical bar, so that the fixed bar and the corresponding vertical bar not only can be mutually **folded**, but also can be unfolded for fixing. The **folding clotheshorse** is firm in structure and convenient to **fold**, can meet user requirements of convenient movements of **clotheshorses** and is an ideal substitute of an existing **clotheshorse**.





12.

Folding clotheshorse

CN203007677

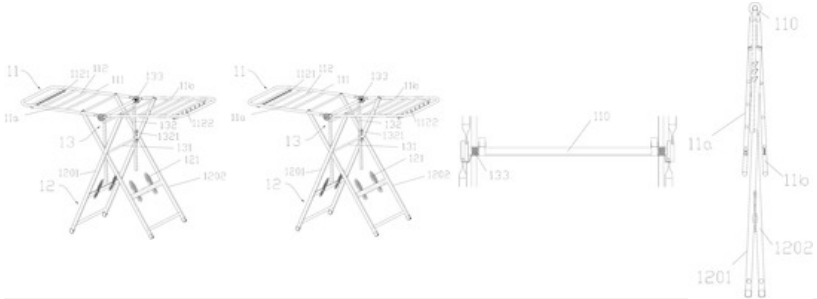
2013-01-21

SHI PUQIN

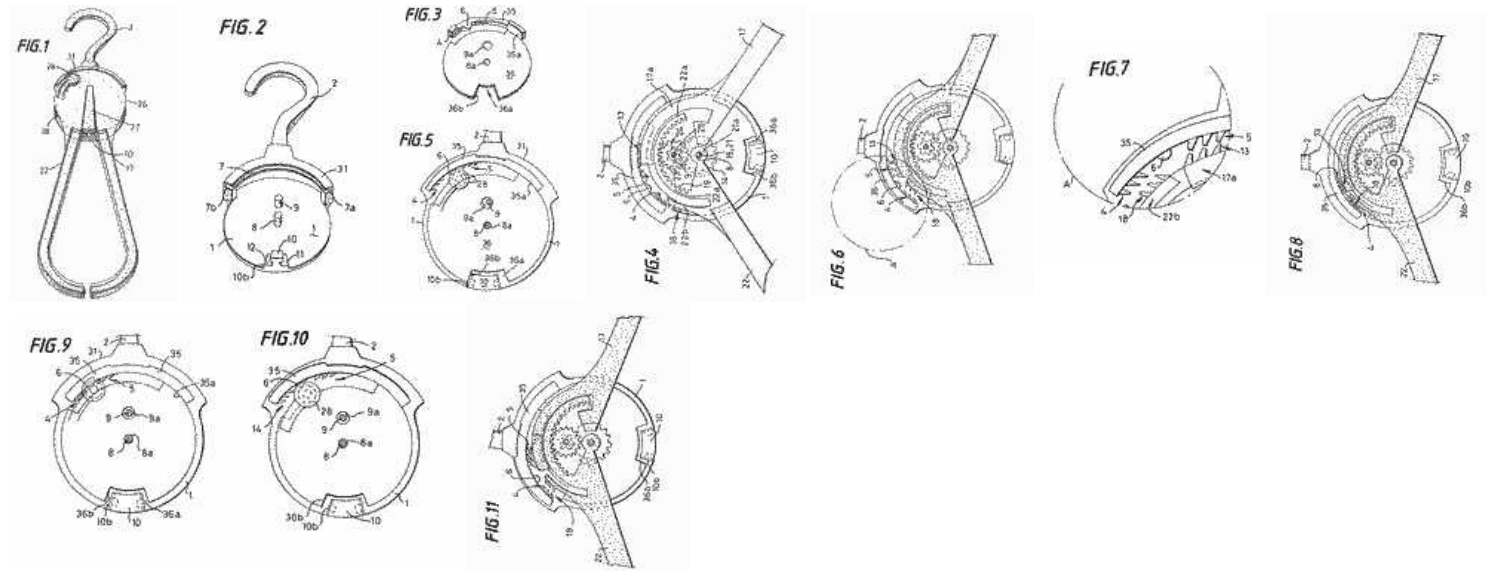
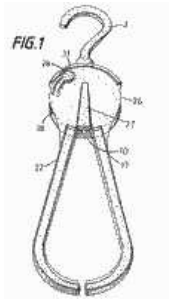
2013-06-19

2013-06-19

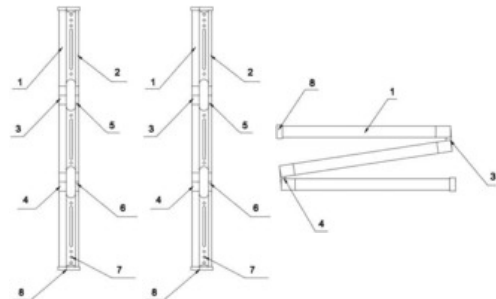
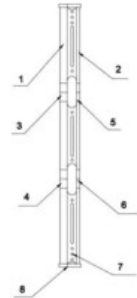
The utility model discloses a **folding clotheshorse** which comprises a **clothes-drying** component and a support component. The **clothes-drying** component comprises a left **clotheshorse** and a right **clotheshorse**, wherein the left **clotheshorse** and the right **clotheshorse** are separated and rotatably connected onto a center rod in the middle of the **clothes-drying** component. The support component comprises a pair of X-shaped supports which are two crossed hinged support rods. The upper end portions of the two crossed hinged support rods are respectively rotatably connected with the left **clotheshorse** and the right **clotheshorse**. The **folding clotheshorse** further comprises a fixing rod, at least one pull rod and at least one spring, wherein the fixing rod is arranged between the pair of X-shaped supports, the at least one pull rod is hinged with the center rod, a stop position structure which is matched with the fixing rod in a buckled mode is arranged on each pulling rod, and the at least one spring is used for pressing the pull rod to the fixing rod. The **folding clotheshorse** can be **folded** and unfolded conveniently, and is reasonable in structure and simple in operation.



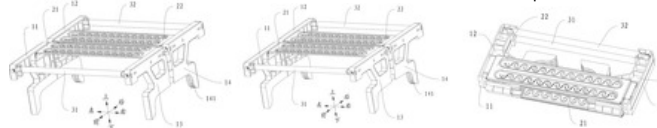
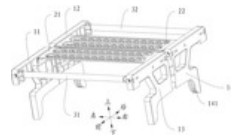
A **foldable clothes hanger** comprising two **foldable** arms (17,22) mounted pivotably on a common axis (8), each arm (17,22) having a part provided with a toothed arcuate **rack** (14,19) engaging a pinion (24,23) that is mounted pivotally on an adjacent parallel axis (9). Each of the arms (17,22) carries a generally arcuate limb provided with arcuately extending latch means (13,18). The **hanger** comprises arcuately extending catch means (5,4) to engage with the latch means (13,18); means to effect resilient engagement between the latch means (13,18) and the catch means (5,4); and release means (6,28) manually operable to counter the resilient engagement and permit disengagement of the latch means (13,18) and the catch means (5,4). The latch means are provided adjacent one another towards one end of a generally arcuate rib (35) resiliently displaceable in a generally arcuate direction about a relatively fixed opposite end of the rib (35). The rib (35) is mounted upon a carrier member moveable arcuately about said common axis (8).



The present utility model lifting **folding clotheshorse** discloses a double-pole, including a body, the sub-lever, the **folder** main pole 1st, 2nd main bar **folder**, the **folder** sub-lever 1st, 2nd rod sub-**folder**, a hanging hole, characterized in the boom end is provided with a 1st main bar **folder**, 1st 2nd main rod mounted on one side of the **folder** the boom **folder**, 1st and the 2nd **folding** direction of the **folder** of the **folder** the main pole main pole is **folded** in the opposite direction, the boom side is provided with a sub-lever, the sub lever end is provided with a 1st sub-lever **folder**, 1st 2nd sub-lever is mounted on one side of the **folder** the **folder** sub-lever, 1st to 2nd **folding** direction of the **folder** of the **folder** sub-lever is **folded** in the opposite direction sub-lever, with the 1st 1st **folder** of the **folder** same direction as the sub-lever **folding** boom, the boom **folder** and the 2nd **folding** direction of the **folder** 2nd sub-lever is the same, may be in the L-shaped or Z **folded** integral **hanger** type, a plurality of hanging holes are provided between the main lever and the sub lever.



The utility model discloses a **foldable clotheshorse** which comprises a first supporting foot, a second supporting foot, a third supporting foot, a fourth supporting foot, a first **clothes** supporting board and a second **clothes** supporting board. The first supporting foot is connected with the second supporting foot in a rotary mode. The third supporting foot is connected with the fourth supporting foot in a rotary mode. A first end of the first **clothes** supporting board is connected with the first supporting foot in a pivoting mode. A second end of the first **clothes** supporting board is connected with the third supporting foot in a pivoting mode. A first end of the second **clothes** supporting board is connected with the second supporting foot in a pivoting mode. A second end of the second **clothes** supporting board is connected with the fourth supporting foot in a pivoting mode. The first supporting foot and the second supporting foot can rotate between the upright position which is relatively perpendicular to the first **clothes** supporting board and the **folding** position which is relatively perpendicular to the second **clothes** supporting board and the third supporting foot and the fourth supporting foot can rotate between the upright position which is relatively perpendicular to the second **clothes** supporting board the **folding** position which is attached to the lower side of the second **clothes** supporting board. The **foldable clotheshorse** is simple in structure and convenient to use.



16.

Portable clotheshorse capable of realizing vertical and horizontal rotation and folding

CN101725017

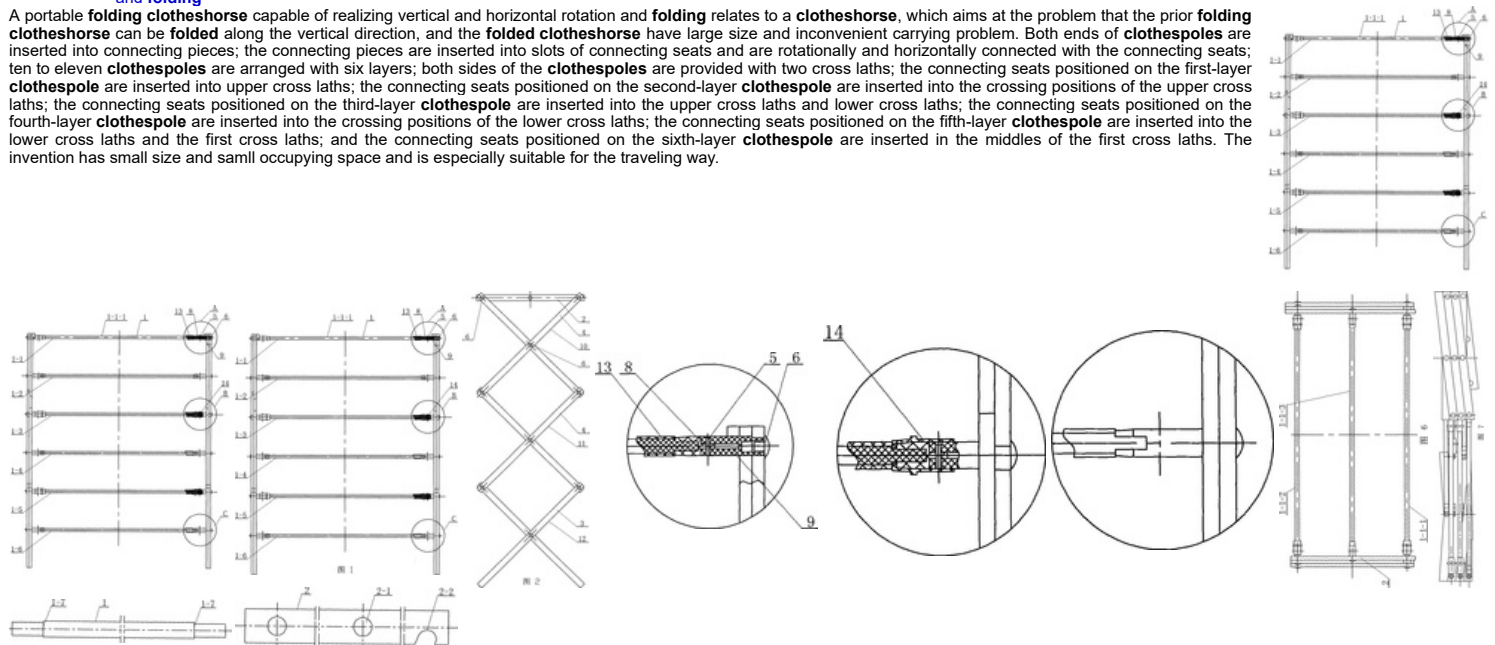
2008-10-29

Li Baoshan

2010-06-09

2010-06-09

A portable **folding clotheshorse** capable of realizing vertical and horizontal rotation and **folding** relates to a **clotheshorse**, which aims at the problem that the prior **folding clotheshorse** can be **folded** along the vertical direction, and the **folded clotheshorse** have large size and inconvenient carrying problem. Both ends of **clothespoles** are inserted into connecting pieces; the connecting pieces are inserted into slots of connecting seats and are rotationally and horizontally connected with the connecting seats; ten to eleven **clothespoles** are arranged with six layers; both sides of the **clothespoles** are provided with two cross laths; the connecting seats positioned on the first-layer **clothespole** are inserted into upper cross laths; the connecting seats positioned on the second-layer **clothespole** are inserted into the crossing positions of the upper cross laths; the connecting seats positioned on the third-layer **clothespole** are inserted into the upper cross laths and lower cross laths; the connecting seats positioned on the fourth-layer **clothespole** are inserted into the crossing positions of the lower cross laths; the connecting seats positioned on the fifth-layer **clothespole** are inserted into the lower cross laths and the first cross laths; and the connecting seats positioned on the sixth-layer **clothespole** are inserted in the middles of the first cross laths. The invention has small size and samill occupying space and is especially suitable for the traveling way.



17.

Full-automatic clothes folding and rolling machine

CN106865326

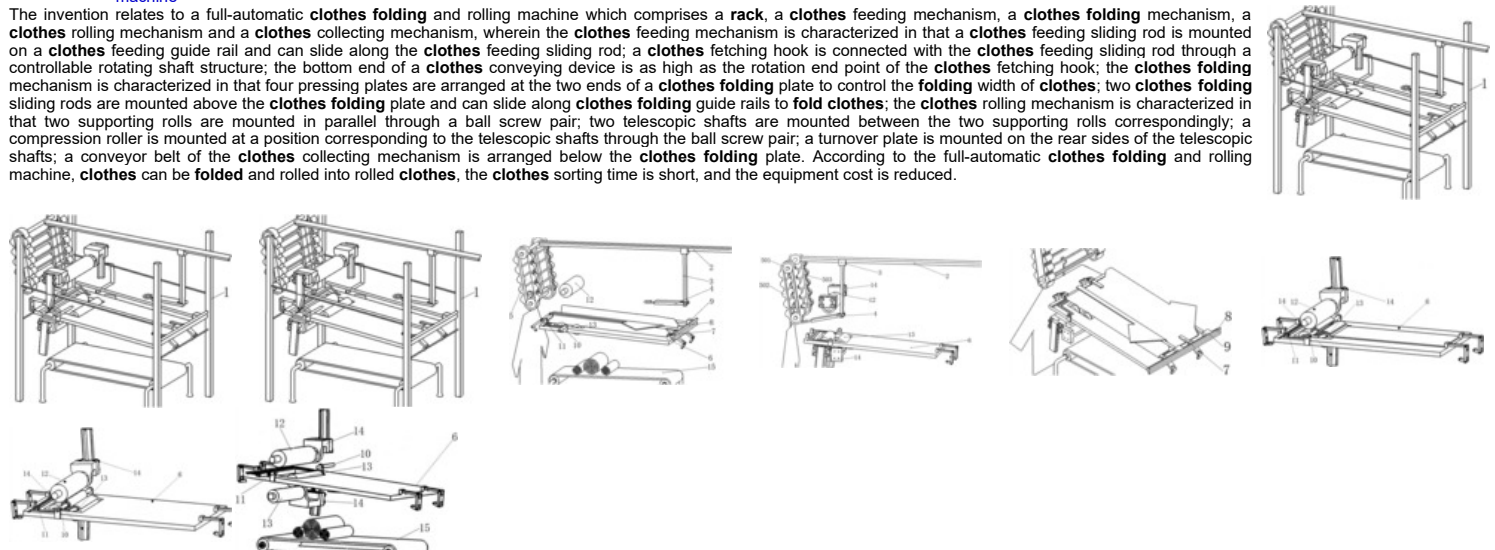
2017-03-22

DONGHUA UNIVERSITY*

2017-06-20

2017-06-20

The invention relates to a full-automatic **clothes folding** and rolling machine which comprises a **rack**, a **clothes feeding mechanism**, a **clothes folding mechanism**, a **clothes rolling mechanism** and a **clothes collecting mechanism**, wherein the **clothes feeding mechanism** is characterized in that a **clothes feeding sliding rod** is mounted on a **clothes feeding guide rail** and can slide along the **clothes feeding sliding rod**; a **clothes fetching hook** is connected with the **clothes feeding sliding rod** through a controllable rotating shaft structure; the bottom end of a **clothes conveying device** is as high as the rotation end point of the **clothes fetching hook**; the **clothes folding mechanism** is characterized in that four pressing plates are arranged at the two ends of a **clothes folding plate** to control the **folding width of clothes**; two **clothes folding sliding rods** are mounted above the **clothes folding plate** and can slide along **clothes folding guide rails to fold clothes**; the **clothes rolling mechanism** is characterized in that two supporting rolls are mounted in parallel through a ball screw pair; two telescopic shafts are mounted between the two supporting rolls correspondingly; a compression roller is mounted at a position corresponding to the telescopic shafts through the ball screw pair; a turnover plate is mounted on the rear sides of the telescopic shafts; a conveyor belt of the **clothes collecting mechanism** is arranged below the **clothes folding plate**. According to the full-automatic **clothes folding** and rolling machine, **clothes** can be **folded** and rolled into rolled **clothes**, the **clothes sorting time** is short, and the equipment cost is reduced.



18.

Folding clotheshorse

CN202989600

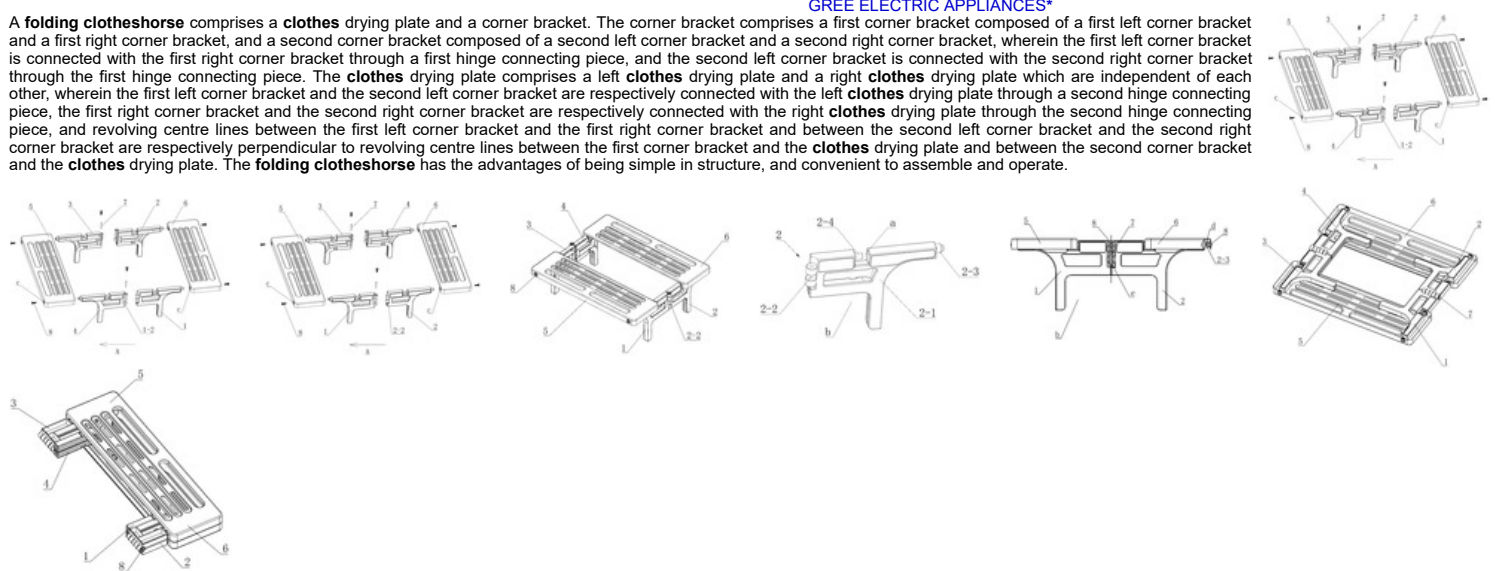
2012-11-01

GREE ELECTRIC APPLIANCE APPLIANCE MANUFACTURING* GREE ELECTRIC APPLIANCES*

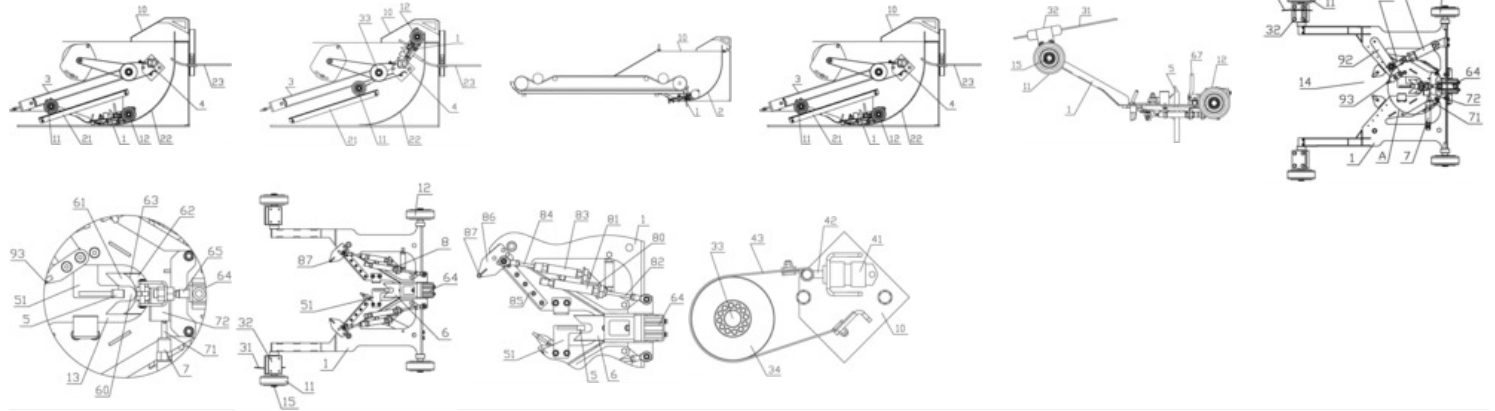
2013-06-12

2013-06-12

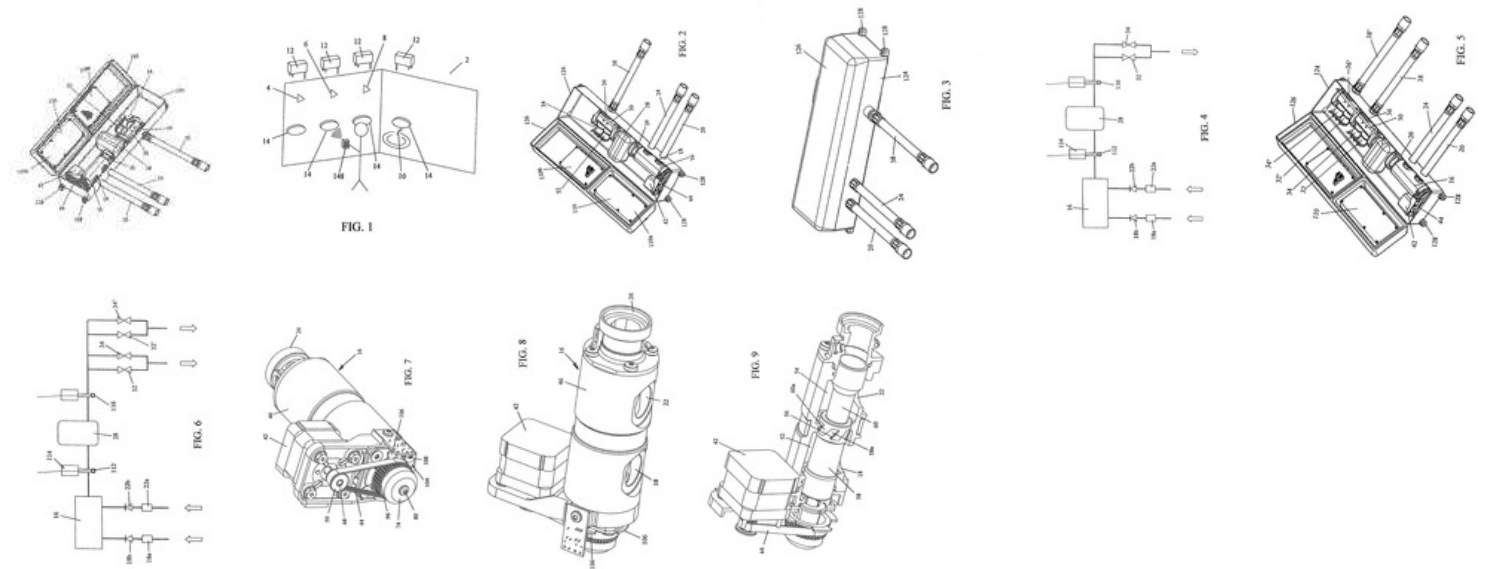
A **folding clotheshorse** comprises a **clothes drying plate** and a corner bracket. The corner bracket comprises a first corner bracket composed of a first left corner bracket and a first right corner bracket, and a second corner bracket composed of a second left corner bracket and a second right corner bracket, wherein the first left corner bracket is connected with the first right corner bracket through a first hinge connecting piece, and the second left corner bracket is connected with the second right corner bracket through the first hinge connecting piece. The **clothes drying plate** comprises a left **clothes drying plate** and a right **clothes drying plate** which are independent of each other, wherein the first left corner bracket and the second left corner bracket are respectively connected with the left **clothes drying plate** through a second hinge connecting piece, the first right corner bracket and the second right corner bracket are respectively connected with the right **clothes drying plate** through the second hinge connecting piece, and revolving centre lines between the first left corner bracket and the first right corner bracket and between the second left corner bracket and the second right corner bracket are respectively perpendicular to revolving centre lines between the first corner bracket and the **clothes drying plate** and between the second corner bracket and the **clothes drying plate**. The **folding clotheshorse** has the advantages of being simple in structure, and convenient to assemble and operate.



The utility model discloses a **clothes hanger** separation device in working **clothes folder** is provided with the track on the frame body, support **clothes hanger** dolly adjustable shelf asks the **clothes hanger** dolly to be driven by drive arrangement on locating the track, asking **clothes hanger** dolly front side to be provided with V - arrangement groove and microscler groove, microscler trench feeds through each other with the V -arrangement groove in V -arrangement groove rear side and microscler groove and constitutes the notch that complete confession **clothes hanger** passes through, is provided with fixing device in microscler groove, and fixing device is fixed in the **clothes hanger** couple to hold in the palm on the **clothes hanger** dolly and make it follow support **clothes hanger** dolly and moves on the track, still be provided with unblock **clothes hanger**'s unlocking structure in the notch, the track rear side be provided with supply **clothes hanger** output hang the **clothes hanger** track, ask the **clothes hanger** dolly to move behind the track rear side, **clothes hanger** can drop to hang the **clothes hanger** track on through fixing device and notch. Above -mentioned structure can break away from away **clothes hanger** automatically from worker's clothes.



An ablutinary installation comprising a mixing valve (16) having respective inlets (18, 22) for hot and cold water and an outlet (26) for temperature controlled water is provided with primary and secondary temperature sensors (112, 116) for monitoring the temperature of the outlet water and an electronic controller (110) for comparing the temperature of the outlet water detected by the primary temperature sensor (112) and the secondary temperature sensor (116) and controlling the outlet water flow in response thereto.



21.

Foldable clothes hanger, has clothes-carrying arms with half-shells to pass hanger from clothes supporting to compact transport position, where half-shells, in transport position, delimit closed cavity to receive...

FR2879909

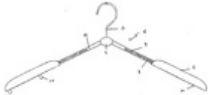
2004-12-29

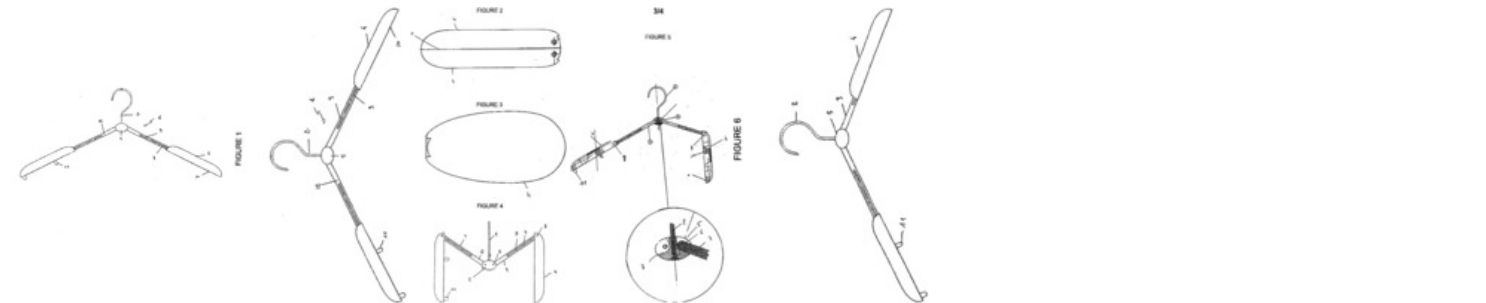
CLENET JACQUES OLIVIER*

2006-06-30

2006-06-30

The hanger has clothes-carrying arms (3), each provided with a half-shell (4) to pass the hanger from a clothes supporting position to a compact transport position. The half-shells are assembled with each other, in the transport position, to delimit a closed cavity for reception of a hanging hook (2) and the arms. The half-shells have broad support surfaces to support the clothes at a level of shoulder zone.





22.

Coat -sleeve folding device in working clothes folder

CN205329398

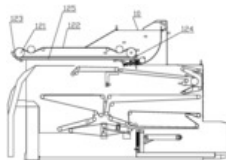
2016-01-26

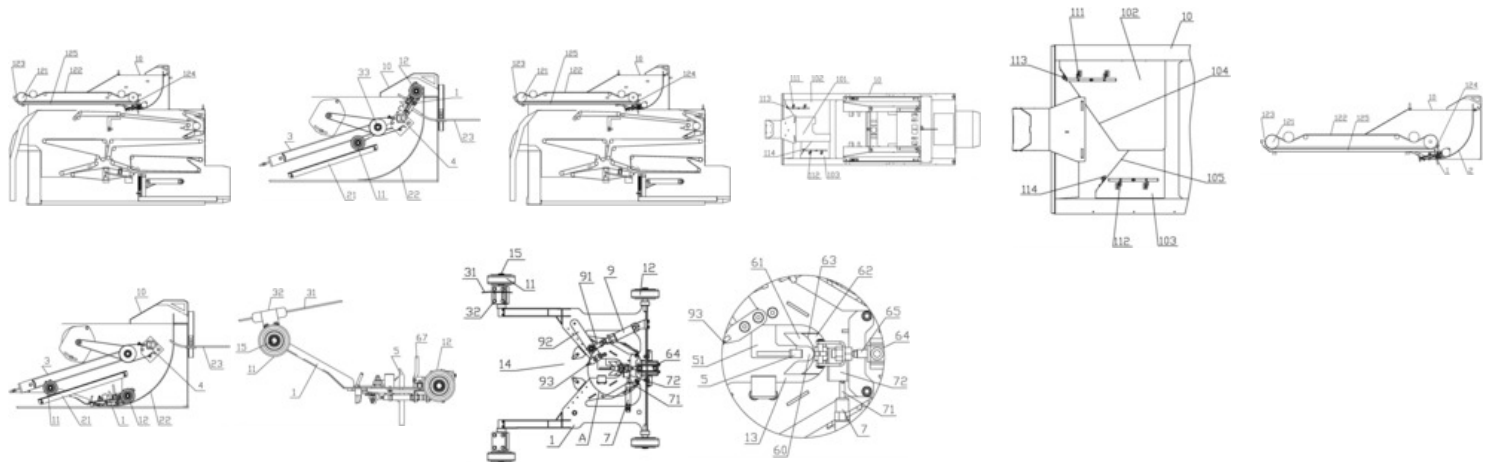
JIANGSU SEA LION MACHINERY*

2016-06-22

2016-06-22

The utility model discloses a coat -sleeve folding device in working clothes folder is provided with in feeding department of frame body and holds in the palm the clothing board, is asking clothing board top to be provided with the conveyor who carries the clothes hanger couple, it is provided with first coat -sleeve deflector to fix on the frame body that holds in the palm clothing board below one side, the fixed second coat -sleeve deflector that is provided with on the frame body that holds in the palm clothing board below opposite side, first coat -sleeve deflector is located the top of second coat -sleeve deflector, be provided with a high -pressure gas device that is linked together with high pressurized air source on first coat -sleeve deflector, the air jet orientation support clothing board of a high -pressure gas device and the clearance of first coat -sleeve deflector, be provided with the 2nd high -pressure gas device that is linked together with high pressurized air source on second coat -sleeve deflector, the air jet orientation support clothing board of the 2nd high -pressure gas device and the clearance of second coat -sleeve deflector, the device can automatic will be good at both sides coat -sleeve cross -fold in worker's clothes back of clothes, the planarization of folding back worker's clothes is good.





23.

Portable foldable clotheshorse

CN202969092

2012-10-23

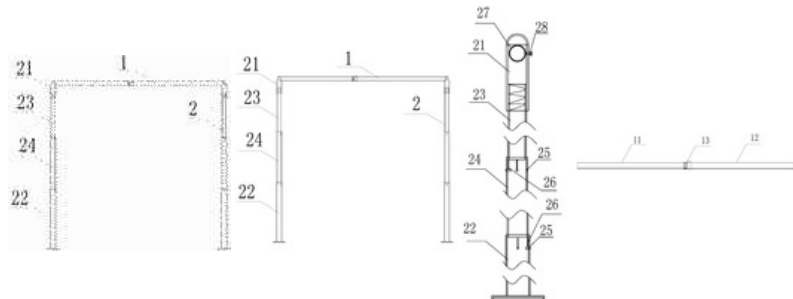
WU YICHENG

2013-06-05

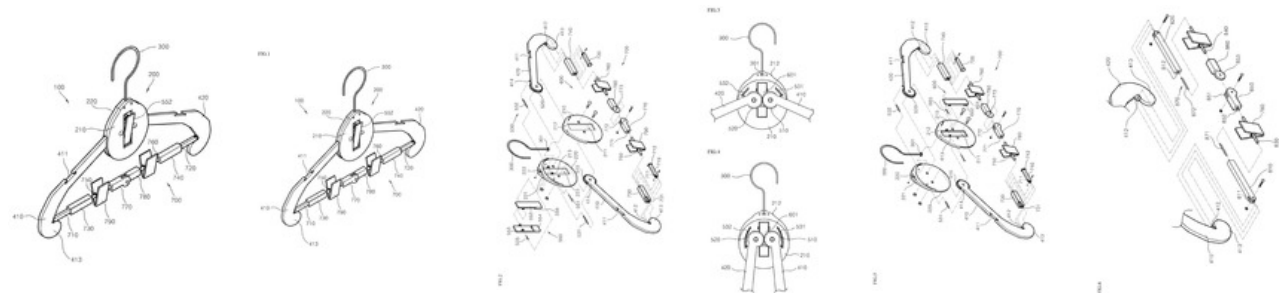
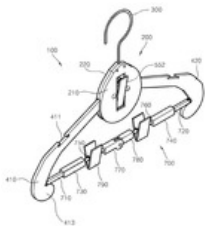
2013-06-05

The utility model discloses a portable foldable clotheshorse. The portable foldable clotheshorse comprises a telescopic clothes rod and telescopic support rods respectively arranged at the two ends of the telescopic clothes rod. According to the utility model, clothes or quilts can be spread and placed on the clothes rod, or a suspended appropriate rest is provided for the clothes rod. As all sections of the telescopic support rod can be collected together during movement, the transport and carrying are convenient. The portable foldable clotheshorse can be conveniently used indoors and outdoors, can be placed in a knapsack and unfolded for convenient use on a camping trip, has the advantages of simple structure and low production cost, and is simultaneously durable and rustless because the clotheshorse is made of stainless-steel metal plate standard pieces.





24.	Foldable hanger	KR101237982	2012-08-06	LEE KYUNG SHIN	2013-02-27	2013-02-27
The present invention relates to a foldable hanger which includes: a case; first and second top hanger members disposed in the case so that one end of each is pivotable; first and second gear members formed on an end part of the first top hanger member and an end part of the second top hanger member, respectively, and geared with each other such that the first and second top hanger members can pivot at the same angle; a first resilient member disposed in the first and second top hanger members and providing a resilient force so that the first and second top hanger members pivot in separate directions; and an angle fixing unit disposed in the case and geared with at least one of the first gear member and the second gear member so as to fix the angle at which the first and second top hanger members pivot. According to the foldable hanger of the present invention, the first and second top hanger members are unfolded by the resilient force of the resilient member without a user operation and can thus be conveniently used. Also, the pivoting angle of the first and second top hanger members can be adjusted by the angle fixing unit, and thus the present invention can be used for various types of clothes.						



25.	Folding clotheshorse with high stability	CN201517171	2009-09-28	Zhang Hui	2010-06-30	2010-06-30
The utility model relates to a folding clotheshorse with high stability. The folding clotheshorse with high stability comprises two clotheshorses and foot stands; the two clotheshorses are symmetrically arranged, each clotheshorse is provided with two parallel side rods, and inner connectors are arranged at the tops of the side rods; the two foot stands are symmetrically arranged and matched with the two clotheshorses, each foot stand is provided with two parallel legs, outer connectors are arranged at the tops of the legs, the foot stand and the clotheshorse on the identical side are mutually hinged through the outer connector and the inner connector, and the outer connector is connected with the outer side of the inner connector through a bolt; and a concave step is arranged on the outer connector on the end surface matched with the inner connector, the step is also provided with a notch on one side opposite to the outer connectors of the two foot stands and also provided with a connecting plate, the two ends of the connecting plate are respectively extend into the step from the notches of the outer connectors of the two foot stands and are hinged with the two foot stands through the outer connectors, and the notch is in clearance fit with the connecting plate in the rotating direction of a hinge. As the connecting plate is propped against the notch of the groove on the outer connector, the connection of the outer connectors at the upper parts of the foot stands on the two sides are locked, and the outer connectors can not be dislocated.						

