

L. DZIEDZIC.

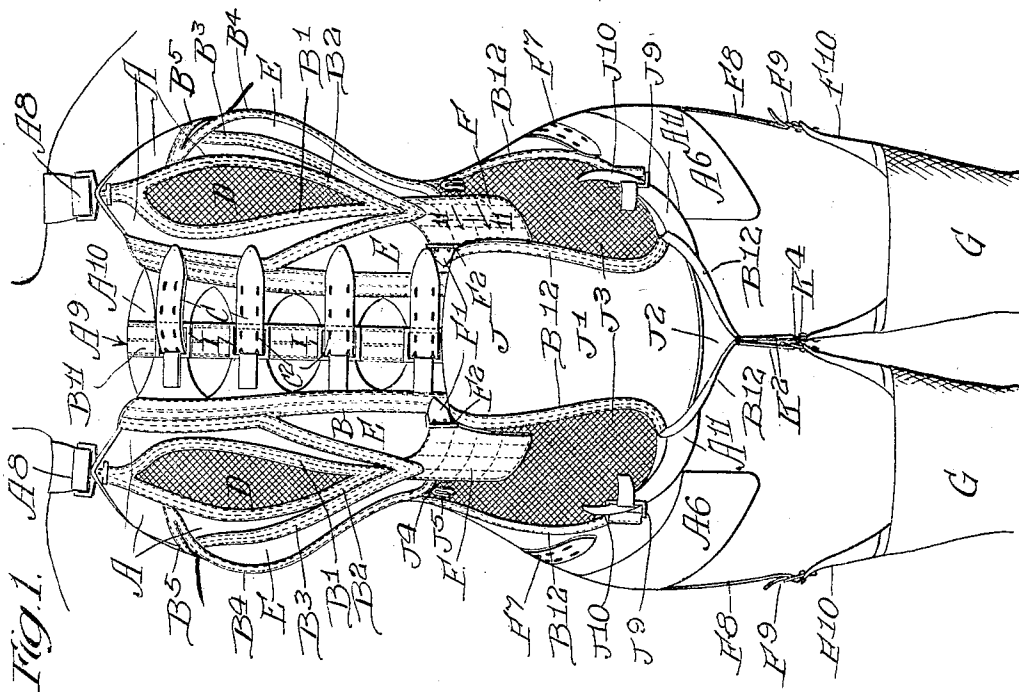
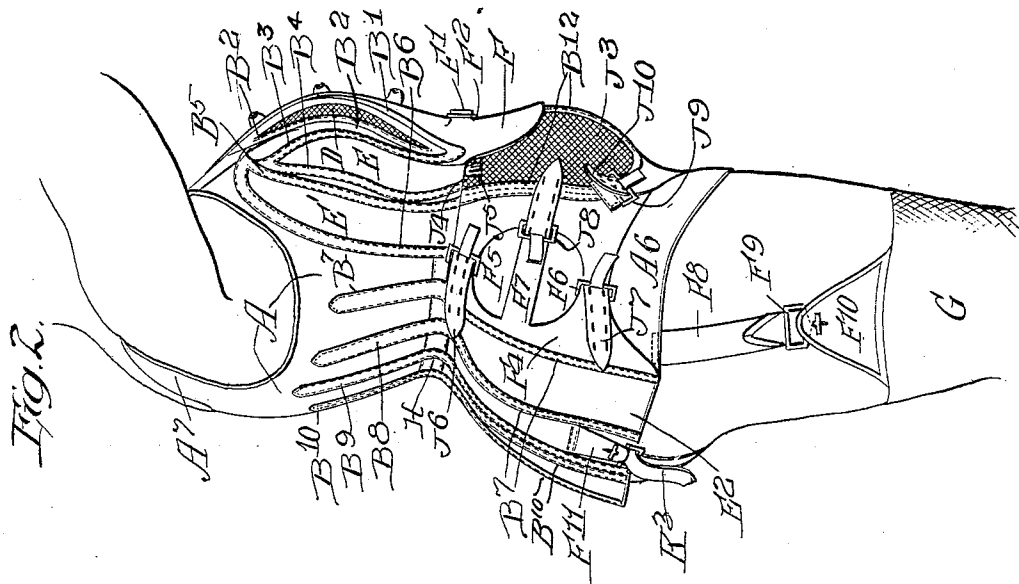
CORSET.

APPLICATION FILED SEPT. 11, 1908.

936,099.

Patented Oct. 5, 1909.

4 SHEETS—SHEET 1.



Witnesses
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R. A. White.

Inventor
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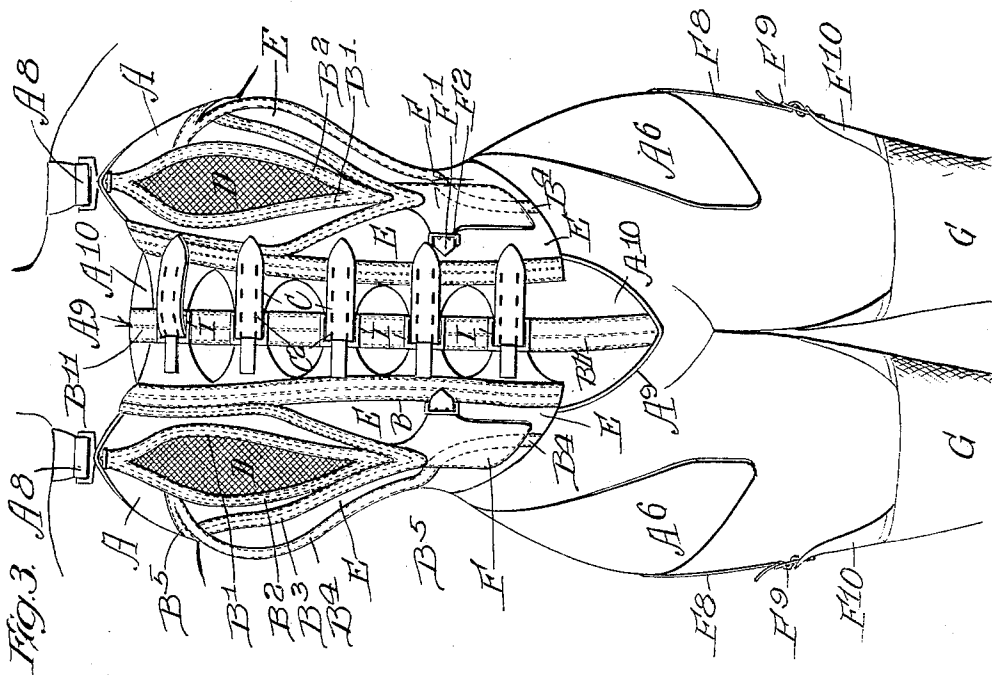
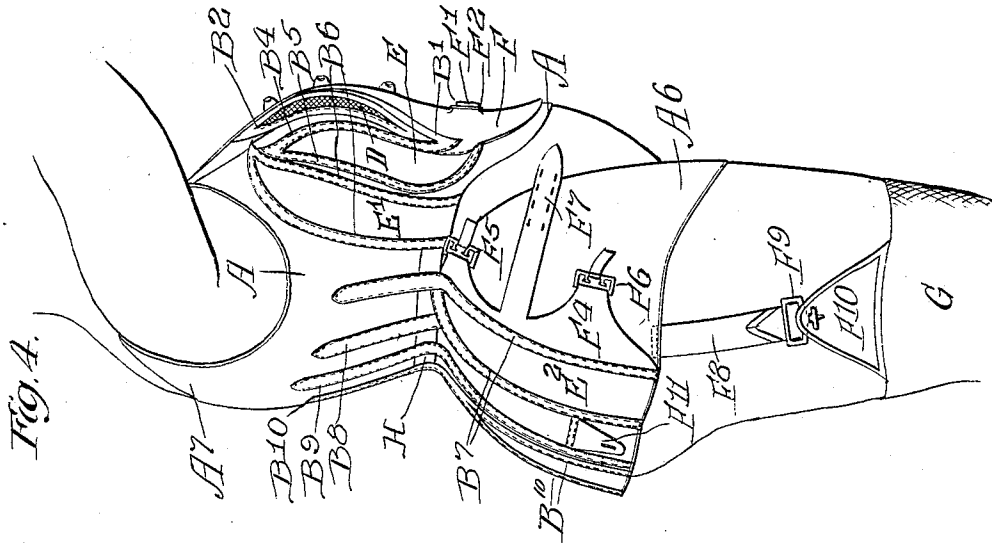
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4 SHEETS--SHEET 3.



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4 SHEETS—SHEET 4.

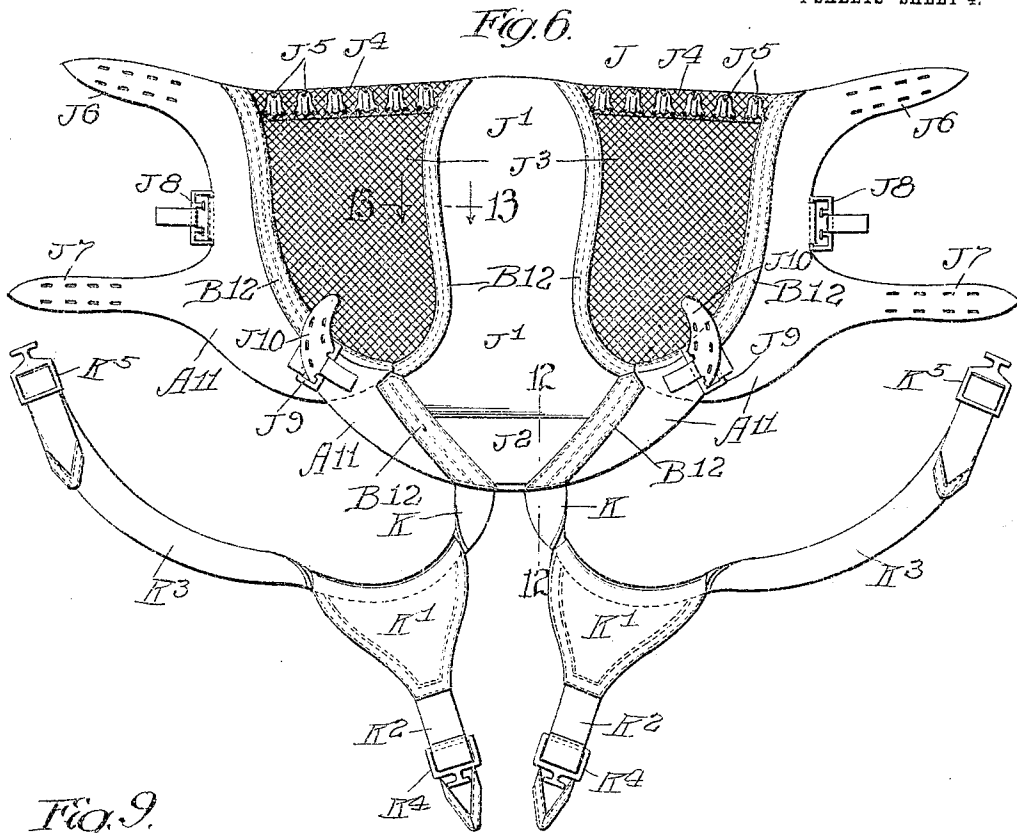
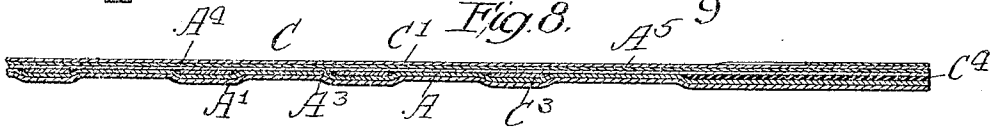
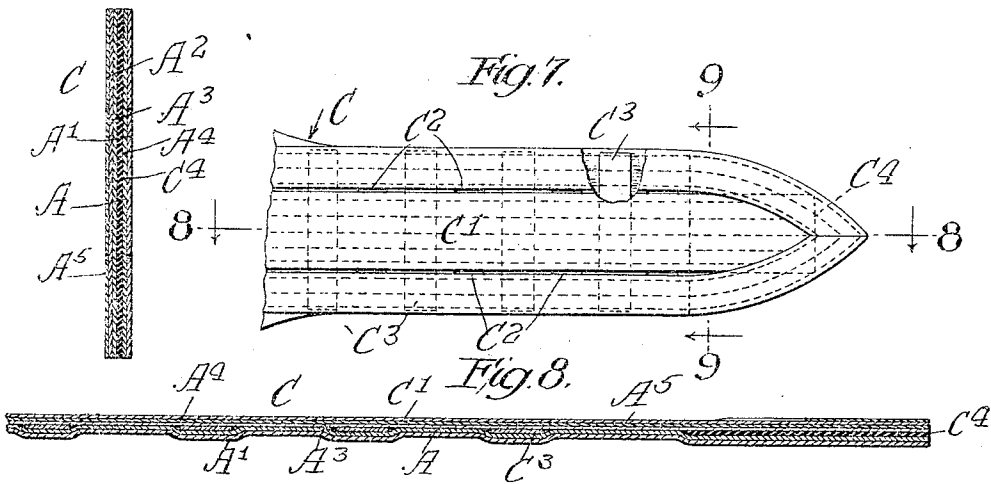


Fig. 9.



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CORSET.

936,099.

Specification of Letters Patent.

Patented Oct. 5, 1909.

Application filed September 11, 1908. Serial No. 452,570.

To all whom it may concern:

Be it known that I, LEON DZIEDZIC, a subject of the Czar of Russia, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Elastic Expansion-Corsets, of which the following is a specification.

The object of my invention is to provide a corset adapted to secure a flexible support for the breasts, an adjustable elastic support for the back, waist, abdomen and hose, without the aid of any metallic, bone, or other hard material used for stiffening purposes in any part of the corset, and that is particularly adapted for not only ordinary use, but also for surgical and other physical conditions for which the ordinary corset cannot be worn.

The manner in which I accomplish my object is described in the following specification and illustrated in the accompanying drawings in which:—

Figure 1, is a front elevation of the corset complete secured in position on the body, the hose being attached thereto. Fig. 2 is a side elevation of the corset in the position on the body shown in Fig. 1. Fig. 3 is a front elevation of the upper part of the corset in the position on the body as shown in Fig. 1, the abdominal part not being shown. Fig. 4 is a side elevation of the upper part of the corset in the position on the body shown in Figs. 1, 2 and 3, the abdominal part not being shown. Fig. 5 is a back elevation of the corset in position on the body as shown in Figs. 1 and 2, showing the rear connections of the upper part with the abdominal part. Fig. 6 is an outside elevation of the abdominal part of the corset detached and placed in a straight line to show the construction and all its parts. Fig. 7, is a front elevation of one of the horizontal buckle straps shown in Figs. 1 and 3. Fig. 8 is a longitudinal central section of the strap on the line 8—8 Fig. 7. Fig. 9 is a vertical section on the line 9—9 Fig. 7. Fig. 10 is a detail showing the flap or extended portion of the upper part of the corset to which the abdominal part is attached. Fig. 11 is a vertical sectional detail on the line 11—11 of part of the flap shown in Fig. 1, and hook and eye, Fig. 1. Fig. 12 is a vertical section on the line 12—12, Fig. 6, showing the several pieces of material and their connection. Fig. 13 is a horizontal section on the

line 13—13, Fig. 6, showing the combination of material; and Fig. 14 is a section showing the structure of each of the stiffening ribs.

In the drawings A indicates thick linen material which forms the basic body of the corset; this is in one piece and cut in form to fit the body, with apertures for the breasts, gores for the insertion of elastic material and extensions for buckle straps and flaps for the thighs, and support of the abdominal part as hereinafter described. To form stiffening ribs lettered B, this thick linen body is covered on the inside with narrow strips of silk A¹. On the outside of the body A are like strips of thin linen A². On these are strips of hair cloth A³. On the hair cloth strips of leather A⁴, and on the leather, strips of silk A⁵. These strips are sewed solidly together on the body A and form stiff vertical flexible ribs on the upper part of the corset and the curved margins of the apertures and gores in which the netting, elastic and other gore pieces and buckles are secured as hereinafter described.

The same kind of materials, arrangement and combination which form the ribs is used to form the series of horizontal buckle straps C, by which the upper part of the corset is secured on the body as shown in Figs. 1 and 3, the construction of these straps differ from that of the ribs in the following particulars only, reference being had to Figs. 7, 8 and 9. At the longitudinal center of the body of the strap an aperture is formed into which the center piece C¹ is inserted and firmly joined to the main part except at the parts which form slits C² for the insertion of the buckle tongue, and inserted transversely through this ribbed material clear across the strap, are silk strips C³ located intermediate of the several pairs of slits C². To further stiffen the ends of the straps C, a piece of rubber C⁴ is inclosed in the material. Forming a vertical base of this series of straps, are vertical ribs B, which extend the full vertical length of the upper part of the corset. The lower parts of these ribs are bifurcated and form part of the margin of an elastic gore piece E. The body part A extends beyond the ribs B³ and B⁴ to apertures which are adapted in size and shape to admit the breasts as shown in Fig. 3. Inserted in these apertures are pieces of netting D, adapted to form a flexible support for the breasts as shown in Fig. 1. These pieces of netting are secured in the curved ribs B¹ and B², which

form the margin of these apertures. The upper parts of these ribs are united and extend vertically to form links with the shoulder straps and are pierced to admit the tongue of a shoulder strap buckle. The bottom ends of these ribs are joined together, and are united with the end of the diagonally inclined legs of the ribs B and ends of the ribs B³, which curve upward and slightly to the rearward. Intermediate of the ribs B² and B³ are parts of the body A. The ribs B and B³ form part of the margins of the gores before mentioned, which extend upward from the bottom edge of the corset beneath and to the front and rear of the breast and in which the gore pieces E are inserted, and secured by the rib B, B³ and the rib B⁴. These ribs B⁴ extend upward from the bottom edge of the corset and unite with the top point of the ribs B³ and with the rib B². Extending upward in a slight curve from the bottom edge of the corset to the ribs forming the margin of the breast aperture are ribs B⁵ and B⁶. These ribs form part of the margins of a gore in which the elastic gore pieces E¹ are inserted. These ribs extend upward in a slight curve from the bottom edge of the corset and unite at the top to the ribs B² and B⁴. Intermediate with the ribs B⁴ and ribs B⁵ is the elastic piece E. Below and to the rear of the gore ribs B⁵ and B⁶, the body part A⁶ extends down and forward to cover, the front and side of the hips. At the rear of the part the body A⁶ is an elastic gore piece E². This gore piece is securely bound by the bifurcated rib B⁷. Extending vertically from the upper part of these ribs are vertical ribs B⁸. On the lower part of the body A and to the rear of the gore pieces E² are buckle straps, the purpose of which is hereinafter described. To the rear of these straps are vertically curved ribs B⁹, and to the rear of the ribs B⁹ are the bifurcated ribs B¹⁰. Secured to the body A and ribs are flaps F shown in Figs. 1, 3 and 10. The tongues F¹ are adapted to be secured by the buckles F² which are secured to the ribs B. On the underside of the flaps are a number of eyes F³, the purpose of which is herein after described.

Bound by the lower part of the bifurcated ribs B⁷ are buckle strap pieces F⁴ extending forward over the hip parts of the body part A⁶. These parts are formed of a double thickness of material for the support of buckles F⁵ and F⁶ and to form the buckle straps F⁷. Secured to the bottom edge of the hip extensions A⁶ are hose suspenders F⁸, buckles F⁹ and triangular supports F¹⁰, adapted for attachment to the top of the stockings G. Extending upward above the back group of ribs the body A forms shoulder straps A⁷, to which elastic bands A⁸ are secured provided with buckles A⁹, adapted to connect with the top ends of the ribs

B¹ and B². Beneath the back group of ribs is a transverse silk band H adapted to bear a trade mark, underneath each of the elastic gore pieces, but not shown in the drawings are loosely attached silk linings. Beneath the ribs and horizontal buckle straps is a separate center piece A⁹. The body part A¹⁰ of this center piece is of sufficient width to extend under the ribs B, and in length it extends above and below the top and bottom edges of the upper part of the corset. Extending from end to end on the center line of this piece is a broad rib B¹¹, consisting of the same kind and combination of materials as the other ribs herein described. Secured to this rib B¹¹ are several double tongued buckles I, through which the ends of the straps C are passed, one over the other, and secured as shown in Figs. 1 and 3.

Figs. 1, 2, and 6 illustrate the lower part of the corset which I designate as the abdominal part J. The center piece J¹ consists of a piece of elastic material adapted to stretch horizontally. This piece and a small, loose overlapping piece J² at the bottom point, are bound with curved ribs B¹². Extending horizontally on each side of the center piece J¹ there are pieces of double netting J³ bound by the ribs B¹². Secured between the top edge of the netting and ribs are bands J⁴. Secured to these bands and the outside of the netting are a series of hooks J⁵ adapted to be slipped into the eyes F³, affixed underneath the flaps F on the upper part of the corset. Extending horizontally from each of the ribs B¹² and bound thereby are parts A¹¹ adapted to form the buckle strap pieces J⁶ and J⁷ and support the buckles J⁸ and J⁹ and form the straps J¹⁰. Secured to the lower ends of the ribs B¹² are elastic bands K adapted to support triangular pieces K¹. These triangular parts are made of a double thickness of linen and the parts K² and K³ are elastic suspenders, the ends of which are provided with buckles K⁵.

When the corset is constructed as described and illustrated, the several parts are adjusted and connected on the person as follows: The upper part is placed about the body with the straps C in front. The center piece A⁹ is placed beneath the straps C which are passed through the buckles I on the rib B¹¹ and the body A is thereby drawn and secured as tight on the person as desired. The shoulder straps A⁷ are passed over the shoulders and the ends of the buckles A⁸ adjustably secured thereon are inserted in the holes at the top of the ribs B¹ and B² as shown in Fig. 1. The tongues F¹ of the flaps F are passed through the buckles F² on ribs B and drawn and secured as tight as desired, thereby limiting the stretch of the elastic gores E. The suspenders F⁸ are then attached to the hose as shown in Fig. 2

and the corset is then in position on the body as shown in Figs. 3 and 4 and may be thus worn independent of the lower part. This lower or abdominal part is attached to the upper part and adjusted on the body as follows: The flaps are raised and the hooks J⁵ shown in Fig. 16 are inserted in the eyes F³ fixed on the underside of the flaps. The straps J⁶ and J⁷ are then passed through the buckles F⁶ and the strap F⁷ is passed through and secured in the buckle J⁸ and the straps J¹⁰ are secured in the buckles J⁹, whereby these parts are drawn as tight as desired to fit the elastic parts E² of the upper part, and the elastic center J¹ of the heavier parts to the hips and abdomen. The elastic suspenders K, triangular parts K¹ and elastic straps K² are then passed between the legs; the buckles K⁴ are attached to the hose and the buckles K⁵ are attached to the strap F¹¹ as shown in Fig. 5.

What I claim and desire to secure by Letters Patent is:

1. A corset consisting of a body part having buckle straps on the vertical edges, gores extending upward from the bottom edge, elastic gore pieces inserted in said gores and ribs vertically arranged on said body part binding said vertical edges, gores and buckle straps, said ribs consisting of a combination of linen, haircloth, leather and silk permanently bound together and to said body part as described.

2. A corset consisting of a body part having buckle straps on the front vertical edges, gores, extending upward from the bottom edge, apertures for the breasts, open work covering said apertures, elastic gore pieces inserted in said gores, and ribs vertically arranged on said body adapted to stiffen said body and to bind said vertical edges, gores, apertures and straps, said ribs consisting of a combination of linen, haircloth, leather and silk permanently bound together and to said body part as described.

3. In a corset the combination with a body part having shoulder and front buckle straps, gores extending upward from the bottom edges, elastic gore pieces inserted in said gores, ribs vertically arranged to stiffen said body part and bind said vertical edges, straps and gores, said ribs being composed of linen, haircloth, leather and silk permanently bound together and to said body part; of a center part adapted to be placed beneath said vertical edges and buckle straps of said body part, said center part consisting of a main part of linen, and a central rib, said rib consisting of linen, haircloth, leather and silk; said parts being bound permanently together, and a series of buckles fixed on said rib adapted to hold said buckle straps as described.

4. In a corset, the combination with a body part having front vertical edges and

horizontal buckle straps, elastic gores in the lower edge, breast apertures with open work, breast supports therein, ribs binding said edges, gores and apertures and arranged vertically to stiffen said body part, said ribs consisting of linen, haircloth, leather and silk permanently bound together and to said body part; of a separate center part consisting of a base of linen, and a central rib, said rib being composed of linen, haircloth, leather and silk firmly bound together, and a series of buckles fixed to said rib adapted to engage and hold said buckle straps as described.

5. In a corset the combination with a body part having buckle straps adapted to fasten in front, elastic gores in the lower edge, buckles and buckle straps on the opposite lower edges of the front gores adapted to be fastened horizontally over said gores and thereby limit the stretch of elastic gores, and ribs binding said gores and edges of said body part and straps, and arranged vertically on said body part, said ribs consisting of a combination of linen, haircloth, leather and silk bound together and to said body part; of a separate center part adapted to be inserted vertically between the body of the wearer and the front buckle straps of said body part, said center part consisting of a rib composed of linen, haircloth, leather and silk bound together as one piece, and a series of buckles fixed to said rib adapted to engage and hold said front straps as described.

6. A corset consisting of a linen body part having breast apertures, and gores extending upward from the bottom edge, and front buckle straps on the vertical edges, open work covers for breasts, elastic gore pieces inserted in said gores, flexible ribs binding said vertical edges, straps, apertures and gores and arranged vertically to stiffen the sides and back of said body part, each of said ribs being formed of strips of linen, haircloth, leather and silk successively laid on said body part and on each other and permanently bound together and to said body part, a separate center piece adapted to be placed underneath said vertical edges and buckle straps, said piece being formed of a body part of linen and a vertical central rib of linen, haircloth, leather and silk permanently bound together, and a series of double tongued buckles secured to said rib, adapted to hold said buckle straps whereby said corset is adjustably secured on the body.

7. A corset consisting of a body part having extensions forming horizontal buckle straps, said part having breast apertures and gores extending vertically from the bottom edge, netting covering said apertures, elastic gore pieces inserted in said gores, flexible ribs binding said apertures, gores, buckle straps and vertical edges of said body part and arranged vertically on the front, sides

and back thereof, said ribs consisting of successive vertical layers of linen, haircloth, leather and silk permanently sewed together and to said body part, a separate center piece adapted to rest vertically in front of the body underneath the vertical edges and buckle straps, said piece consisting of a wide base part and a central vertical rib constructed of the same materials and in the same way as are the ribs above mentioned, a series of buckles secured on this rib adapted to hold said buckle straps, whereby said corset is securely adjusted on the body.

8. A corset consisting of a linen body part, including the shoulder straps, front buckle straps and thigh extensions, said body part having breast apertures and vertically inclined gores for the insertion of elastic gore pieces; netting covering said breast apertures, elastic gore pieces inserted in said gores, ribs forming an integral part of said body, said ribs binding the vertical edges of said body part, breast apertures and gores, and supporting said body part vertically, said ribs consisting of successive strips of linen, haircloth, leather and silk permanently bound together and to said body part; a series of buckle straps extending horizontally from the ribs binding the vertical edges of the body part, said straps consisting of the body part and successive strips of material of which the ribs are composed, with the addition of a plurality of transverse strips intermediate with the buckle slits therein, and a piece of rubber in the point of each strap; a center buckle piece adapted to be placed vertically under the vertical edges and buckle straps, said center piece consisting of a linen body part and a vertical central rib, said rib consisting of the same material and parts as the ribs hereinbefore mentioned, and a series of double tongued buckles secured to said rib adapted to admit and hold said horizontal buckle

straps whereby said corset is adjustably secured on the body.

9. In a corset the combination consisting of a body part of linen forming shoulder supports, horizontal buckle straps and thigh extensions, said body being pierced for open breast supports and gored vertically from the lower end for elastic gores, netting forming said breast supports elastic gore pieces inserted in said gores, ribs arranged vertically on said body and binding said breast supports, gores, vertical edges and horizontal straps, said ribs being composed of linen, haircloth, leather and silk permanently bound together and to said body part, a separate center part consisting of a linen base and central rib, said rib consisting of linen haircloth, leather, and silk firmly bound together on said base, a series of buckles fixed to said rib adapted to engage and hold said horizontal straps, a pair of pendent flaps on the lower front part of said body part, said flaps having hook eyes fixed on the underside, horizontal buckle strap, straps and buckles on the lower hip part of said body part, an abdominal supporter provided with hooks insertible in said eyes under said flaps, and buckles and buckle straps adapted to be connected with said hip buckles and straps on said body part and buckle straps adapted to extend between the legs of the wearer and be connected to the back of said body part and to the stockings, said supporter consisting of an elastic center piece and open work hip parts on each side of the center piece, said center piece and hip parts being bound by ribs composed of linen, haircloth, leather and silk sewed together as one body.

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Witnesses:

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