

No. 646,180.

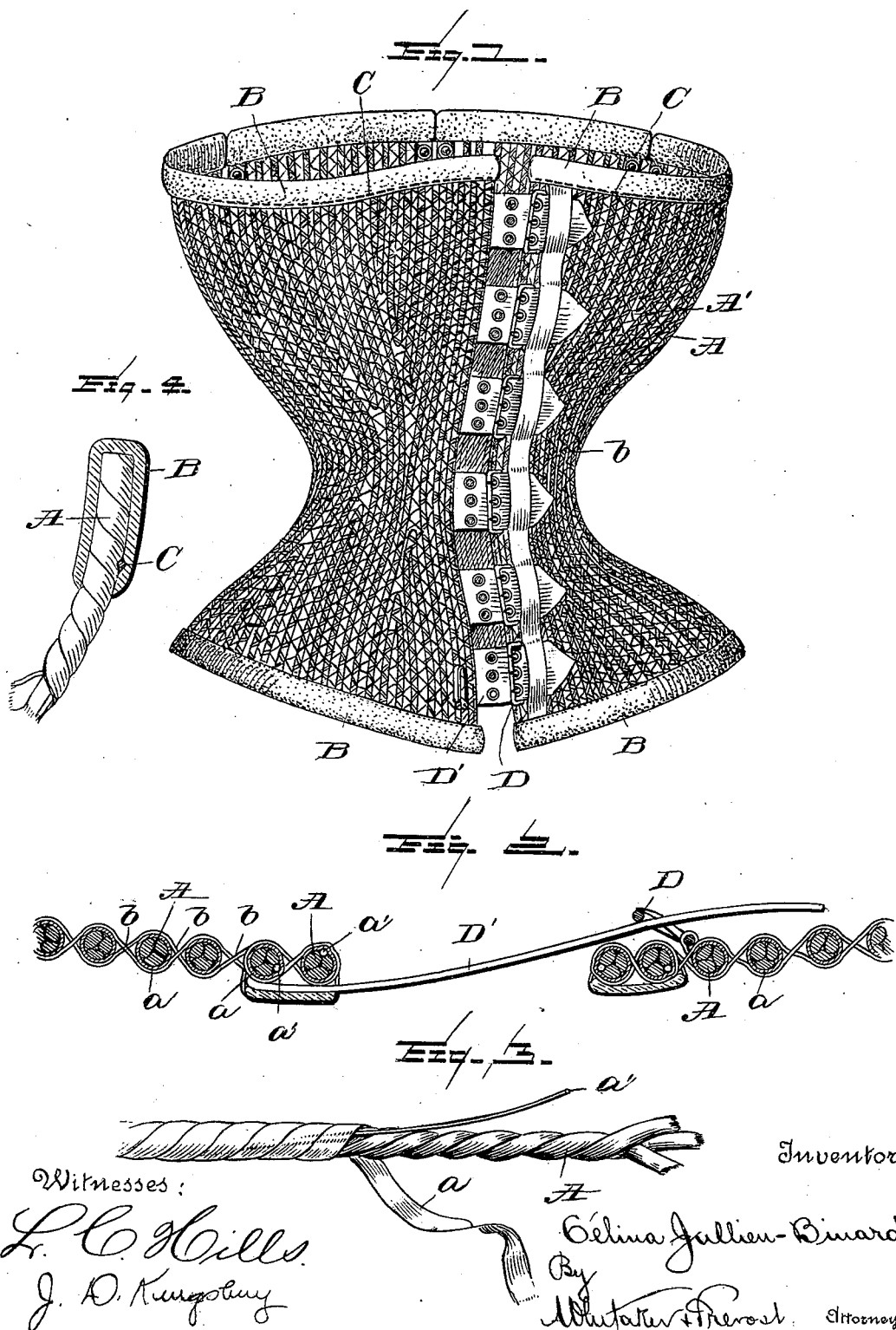
Patented Mar. 27, 1900.

C. JULLIEN-BINARD.

APPAREL CORSET.

(Application filed Nov. 24, 1899.)

(No Model.)



UNITED STATES PATENT OFFICE.

CÉLINA JULLIEN-BINARD, OF NEW YORK, N. Y.

APPAREL-CORSET.

SPECIFICATION forming part of Letters Patent No. 646,180, dated March 27, 1900.

Application filed November 24, 1899. Serial No. 788,188. (No model.)

To all whom it may concern:

Be it known that I, CÉLINA JULLIEN-BINARD, a citizen of the Republic of France, residing at 147 West Twentieth street, New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Corsets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention is an improvement in corsets; and it consists in the novel features hereinafter described, reference being had to the accompanying drawings, which illustrate one form in which I have contemplated embodying my invention, and said invention is fully disclosed in the following description and claims.

Referring to the said drawings, Figure 1 represents a perspective view of my improved corset. Fig. 2 represents a horizontal sectional view taken through a portion of the front of the corset. Fig. 3 represents one of the vertically-disposed front cords, showing the manner of attaching the stiffening-wire. Fig. 4 is a detail sectional view of a part of the upper binding or finishing band.

The object of my invention is to produce a boneless corset which shall be thoroughly hygienic and which will afford a support for the body, while permitting perfect freedom of movement and avoiding any injurious pressure.

In carrying out my invention I make the body of the corset of a series of vertically-arranged flexible cords which are united by an open mesh or network formed of non-elastic threads woven, crocheted, or otherwise united to the vertically-disposed cords. In preparing the cords I prefer to stiffen them slightly by saturating them with a solution of isinglass, glue, or other suitable material which will give them a slight degree of stiffness, and the cord, which I designate by the reference-letter A, is preferably covered by winding spirally thereon a tape or band *a*, which is preferably formed of satin ribbon of the desired color and gives a very handsome effect to the article. I may employ other material than satin ribbon for the covering tape or band.

The cords A are disposed vertically in rows

in making up the body of the corset, and in order to make the corset larger above and below the waist certain of the cords are bent in the center and extend only part way of the length of the garment, as illustrated at A', the bent portion being toward the waist portion. These cords A' or a series of them, as required, form practically gores, which give the corset the required shape above and below the waist-line, and I thus avoid having any ends of the cords at or near the waist-line, as such ends might cause discomfort to the wearer. The cords A A' are united by a network formed, preferably, of silk of the same color as the ribbon covering the cords or a contrasting color, as preferred. This network I have illustrated at *b* and may be formed in any desired way, so long as the cords are connected together by the network *b*. In practice I prefer to form this network by hand needlework, carrying the threads *b* around each cord A or A' and thence to the next adjacent cord, &c., and forming an open-work mesh.

In order to give a little more stiffness to the two front meeting edges of the corset, I prefer to provide the two cords at each of said edges with a stiffening-wire *a'*, as shown in the sectional view, Fig. 2, and formed, preferably, of brass. In making these cords for the front edges the wire *a* is laid upon the cord A, and the tape or strip *a* is wound around both, as clearly shown in Fig. 3.

The upper and lower edges of the corset are finished by bands B B of soft flexible non-elastic material, which bands are made to inclose the ends of the cords A A' and are sewed thereto, as shown in the detail drawing Fig. 4. In order to give the breast portions of the corset the proper rounded form, I provide such portions with a metal stiffening strip or wire C, brass wire being preferable, which is inclosed by the upper finishing-bands B B. The positions of these wires C C are indicated in dotted lines in Fig. 1, and one of them is also shown in Fig. 4.

The front edges of the corset are preferably united by means of buckles D, sewed to one edge, and straps D', sewed to the other edge and provided with eyelets to engage the buckle-tongues, although I do not limit myself to this particular mode of fastening.

The rear portion of the corset will be laced at one or two or more places, as preferred. The corset is preferably made with three laces, one on each side and one in the center of the back. The lacing-strips E, provided with eyelets e, are merely sewed to the two cords at the edges of the corset-sections, and the sections are laced together in the ordinary way.

It will be observed that there is not a single whalebone or steel in the corset, that the air can pass freely through the meshes of the network which unites the vertical cords, and the corset-body is yielding throughout, but is not elastic and cannot exert an injurious pressure upon any part of the body. With this corset it is possible to take almost any form of athletic exercise suitable for women without having the free movements of the body hampered, while the body is well and comfortably supported. The corset is especially adapted for use by women during pregnancy. I also prefer to stiffen the cords to which the lacing-strips are attached by forming them with stiffening-wires a', as previously described with respect to the cords which form the front edges of the corsets.

What I claim, and desire to secure by Letters Patent, is—

1. A corset having its body composed of vertically-disposed flexible cords, united by a net-

work of flexible non-elastic threads, the front vertical edges, and the top edges around the breast portion being stiffened by means of metal strips, substantially as described.

2. A corset having its main body composed of vertically-disposed cords united by a network of flexible non-elastic material, the cords adjacent to the front meeting edges being each provided with a parallel metal strip and a band or tape wrapped around said cord and strip and holding them together, substantially as described.

3. A corset comprising a series of vertically-disposed stiffened and wrapped cords, a network of threads uniting said cords, metal stiffening-strips secured to the said cords at each side of the front meeting edges, metal stiffening-strips engaging the upper ends of said cords adjacent to the breast portions of the corset and finishing-bands, inclosing the upper and lower ends of said cords, the upper band inclosing the stiffening-strips adjacent to said breast portions, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

CÉLINA JULLIEN-BINARD.

Witnesses:

DALLAS FLANNAGAN,
DONALD HARPER.