

(No Model.)

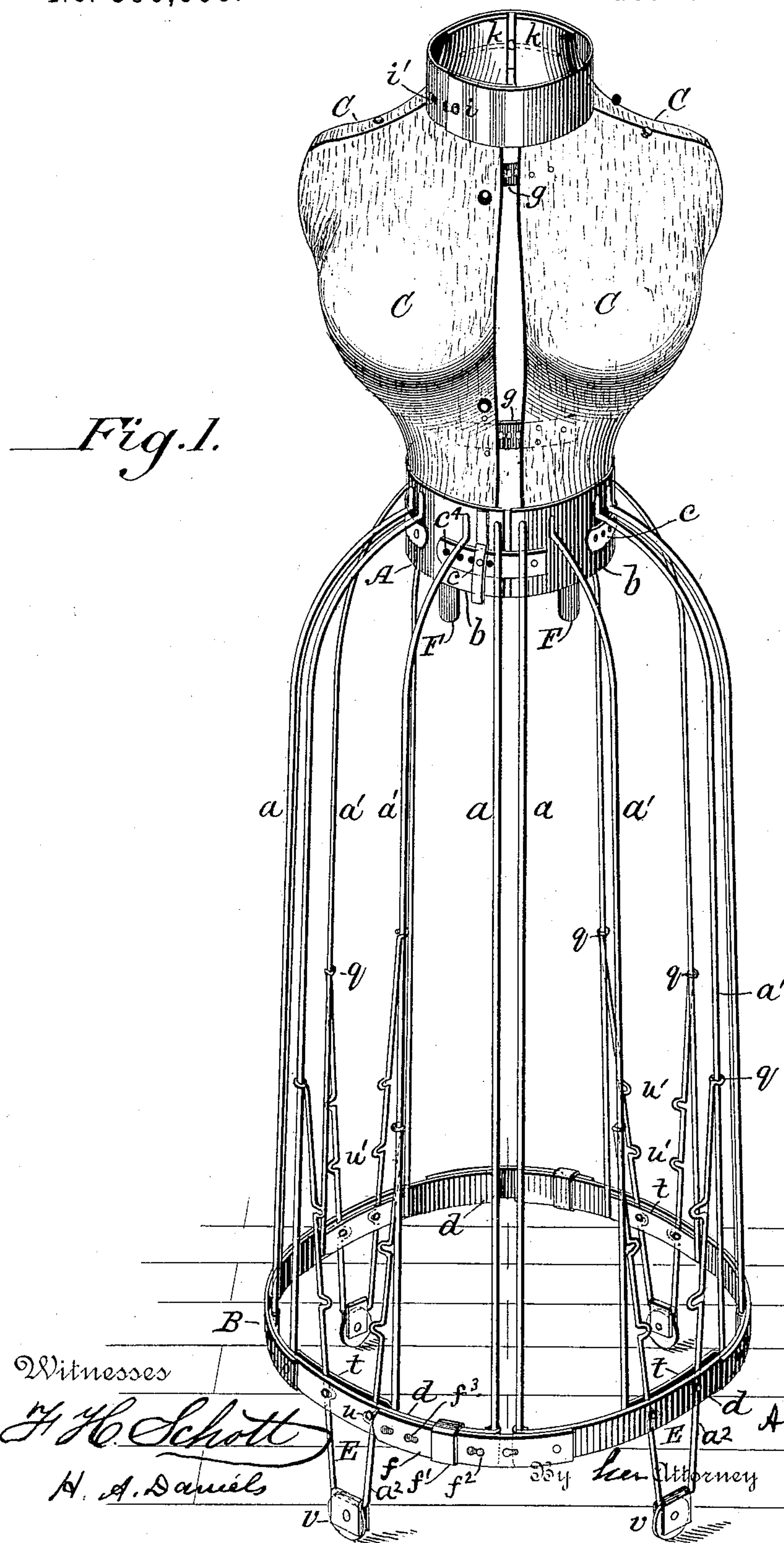
4 Sheets—Sheet 1.

A. S. HALL.

DRESS FORM.

No. 390,668.

Patented Oct. 9, 1888.



Witnesses

H. H. Schott

H. A. Daniels

Inventor

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(No Model.)

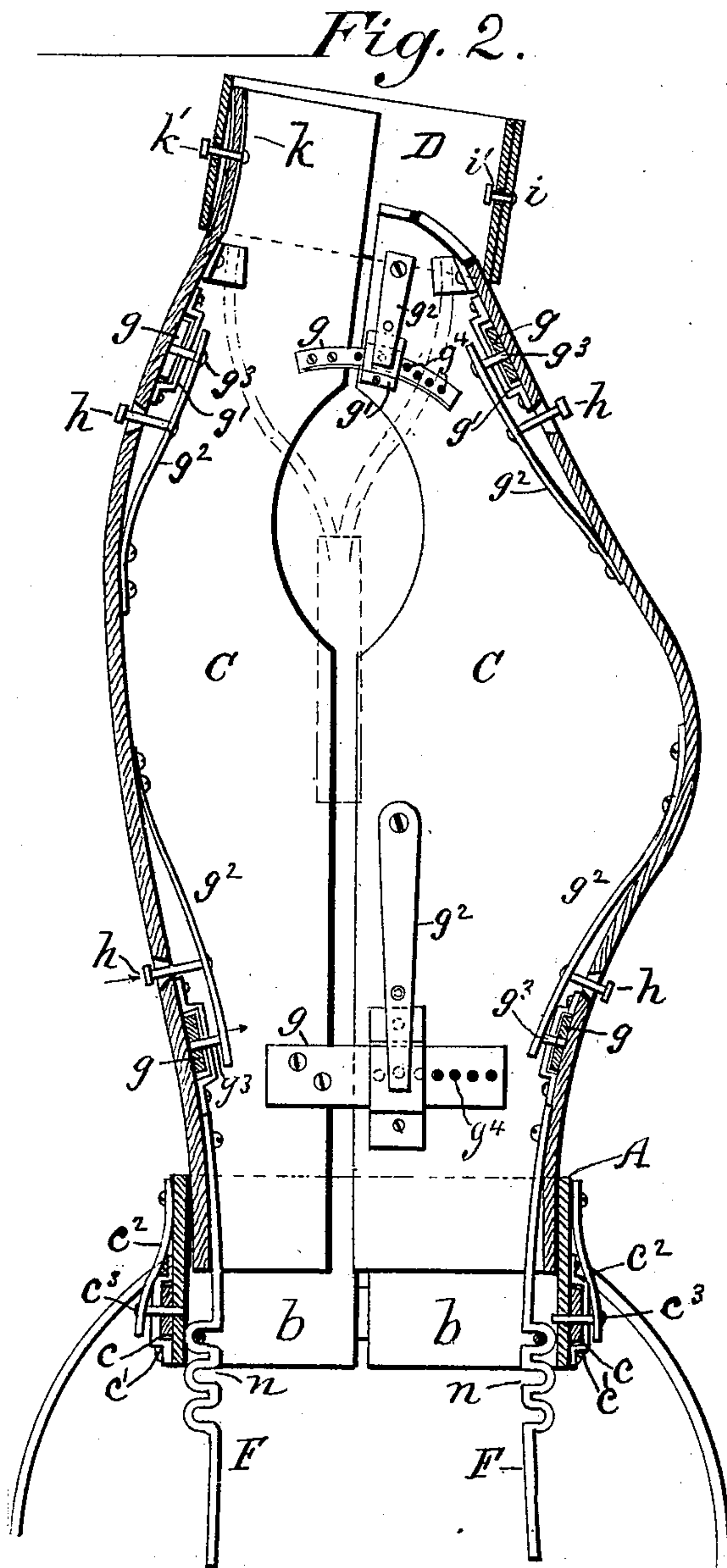
4 Sheets—Sheet 2.

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4 Sheets—Sheet 3

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Fig. 3.

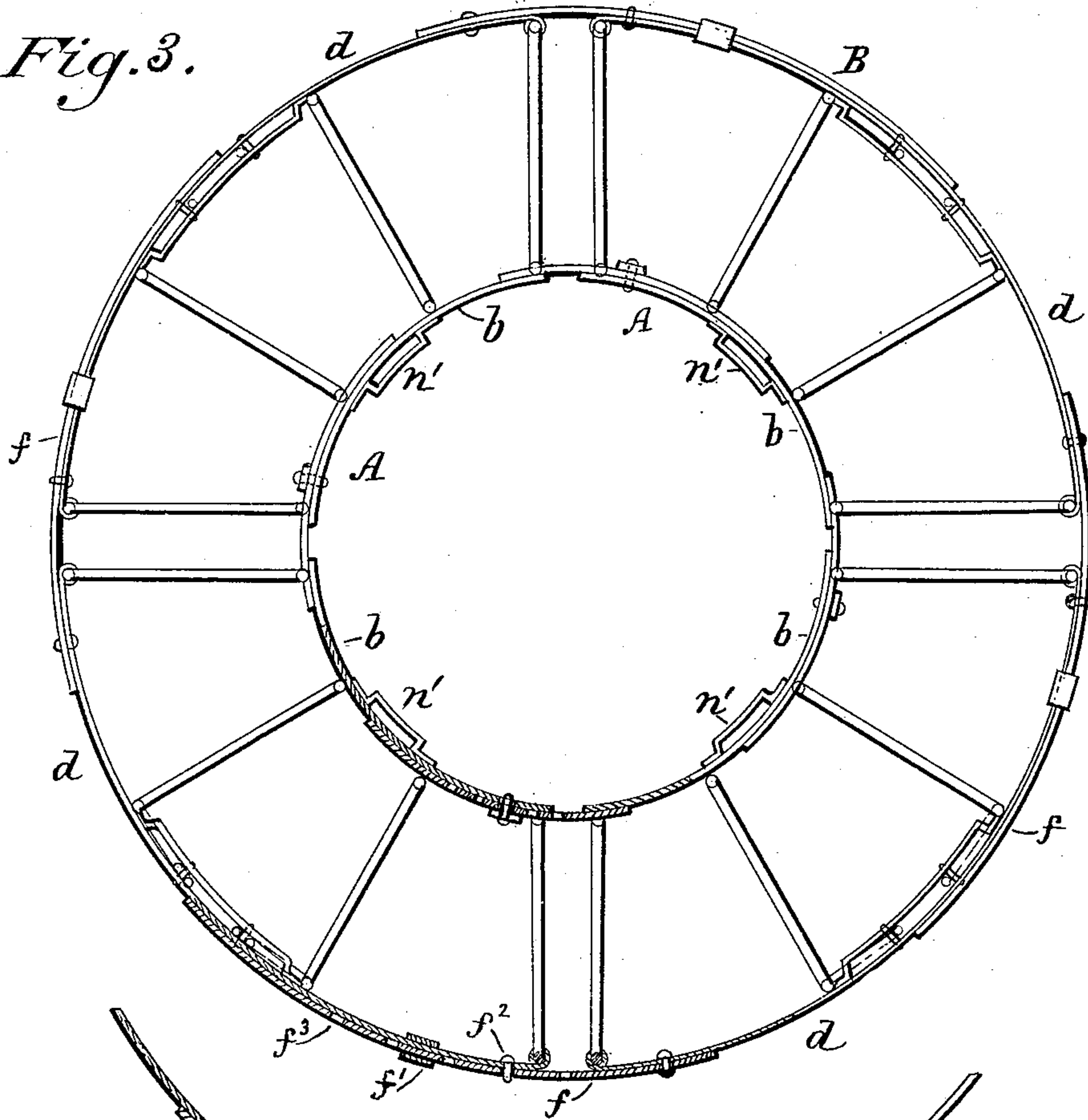


Fig. 4.

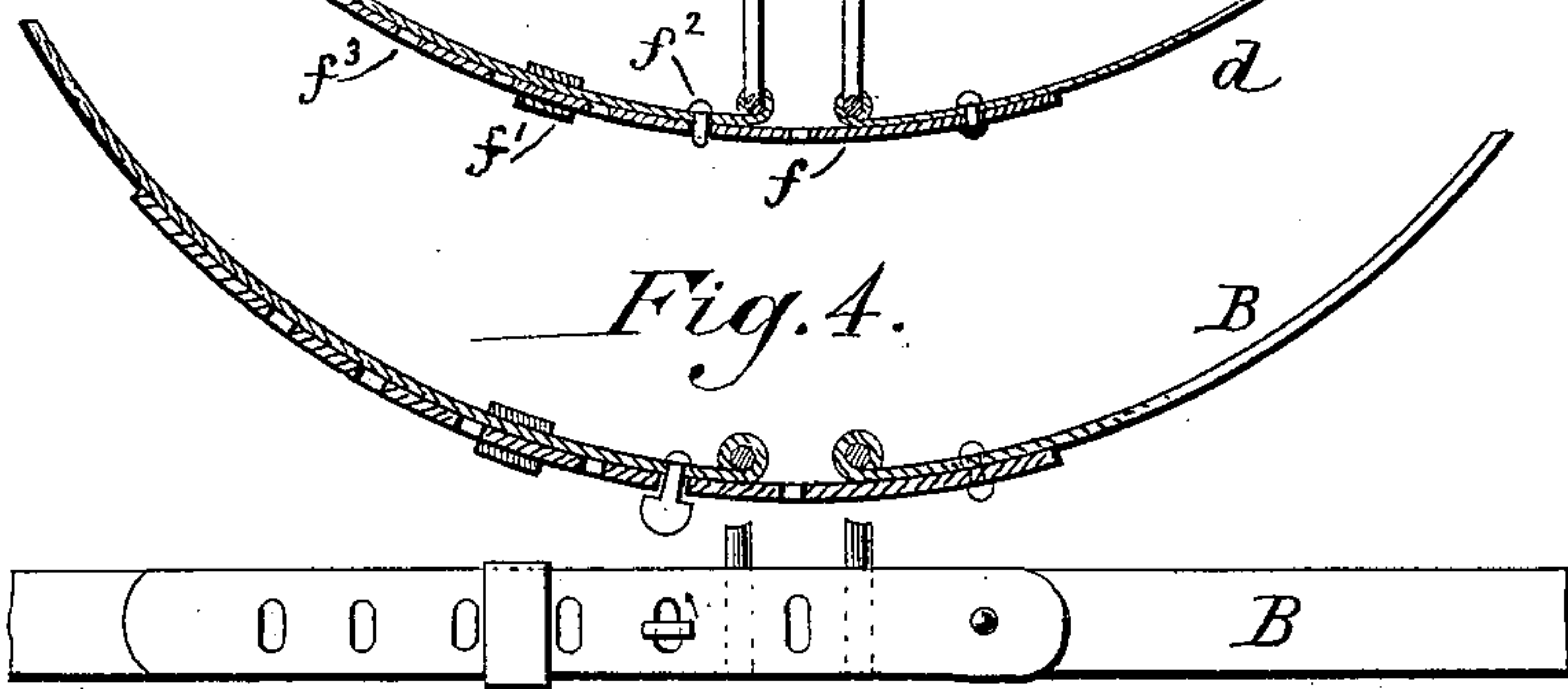
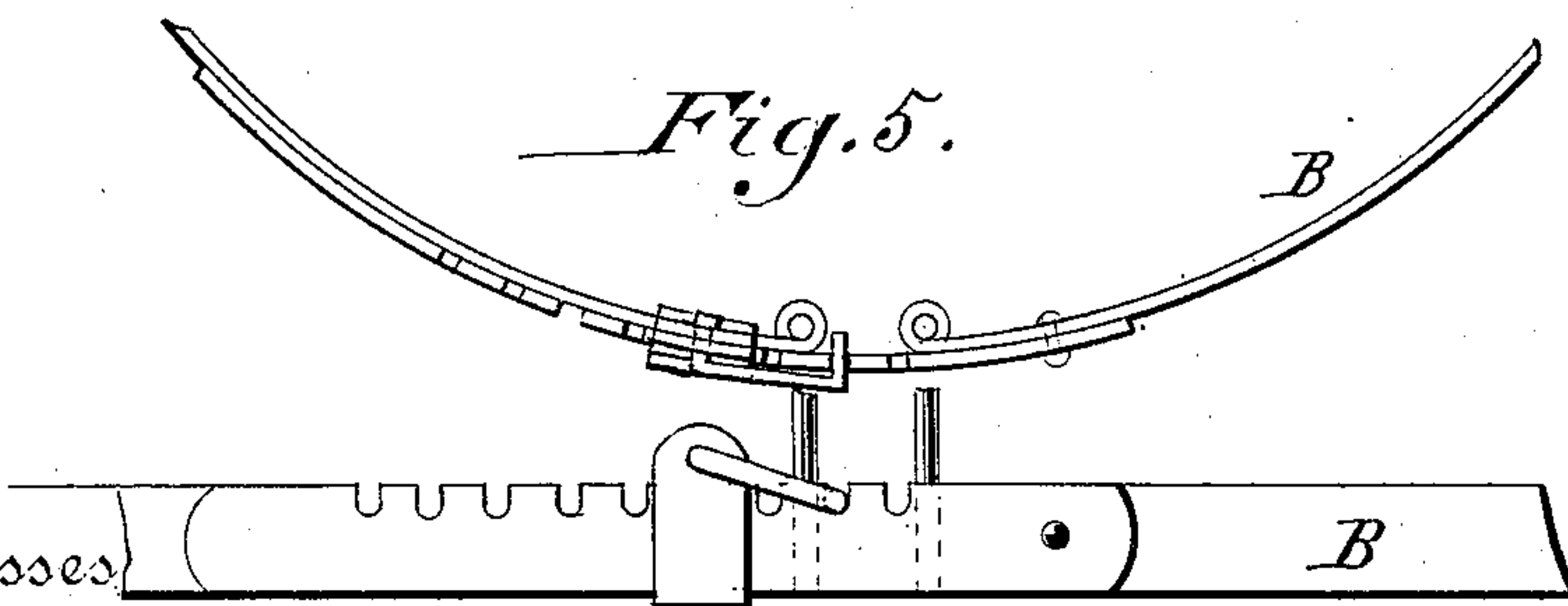


Fig. 5.



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Fig. 6.

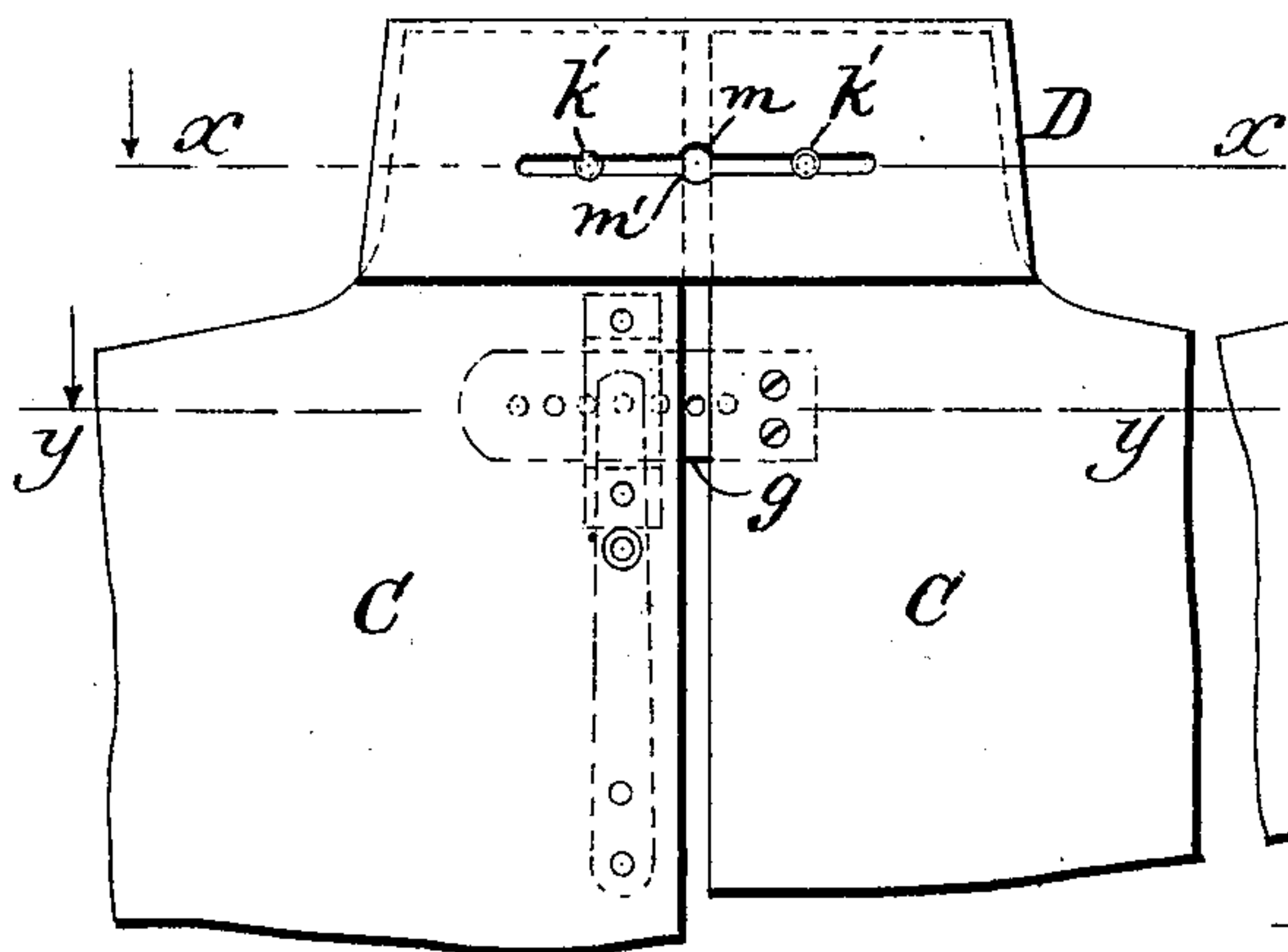


Fig. 7.

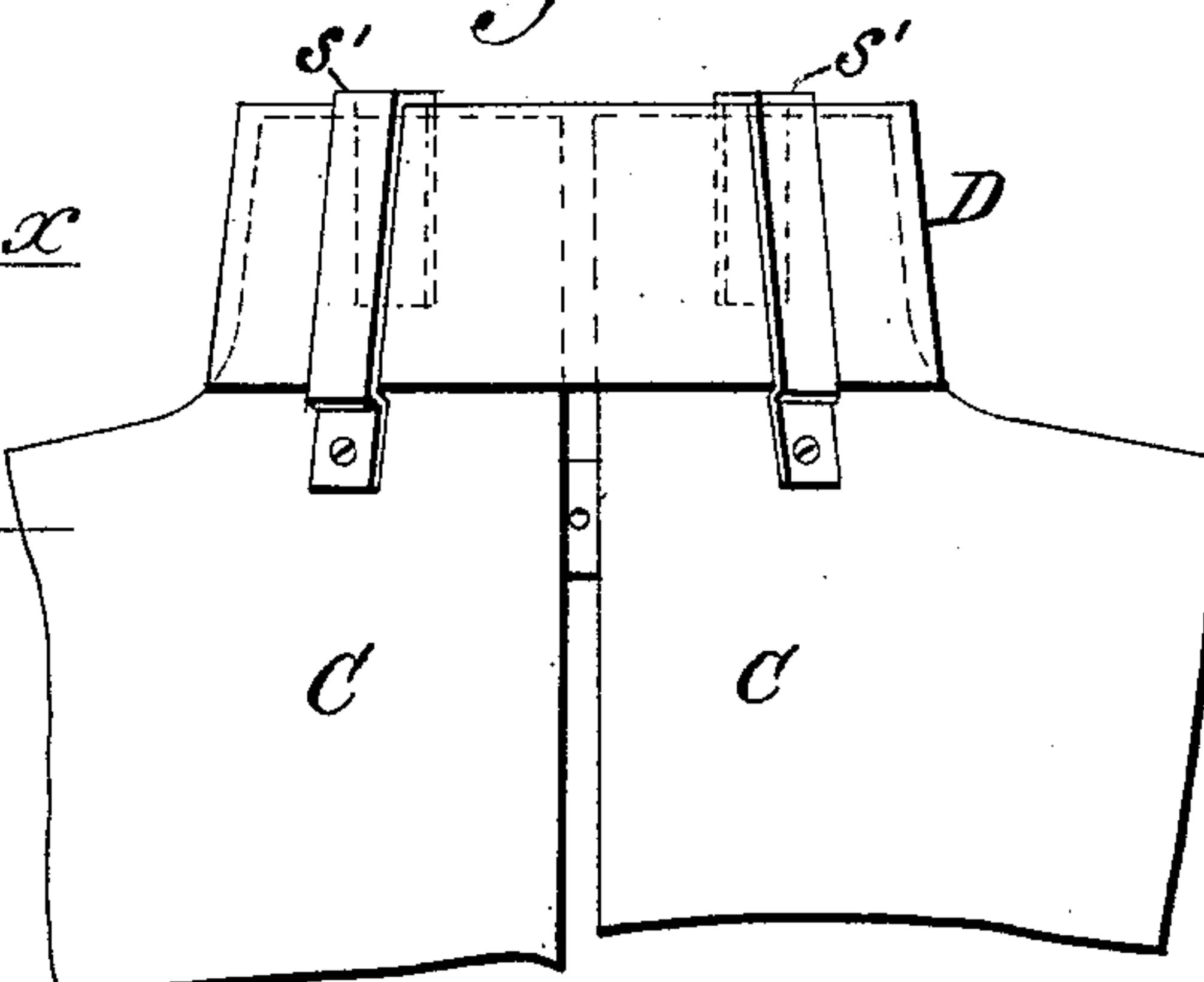


Fig. 9.y.y.

Fig. 8.x.x.

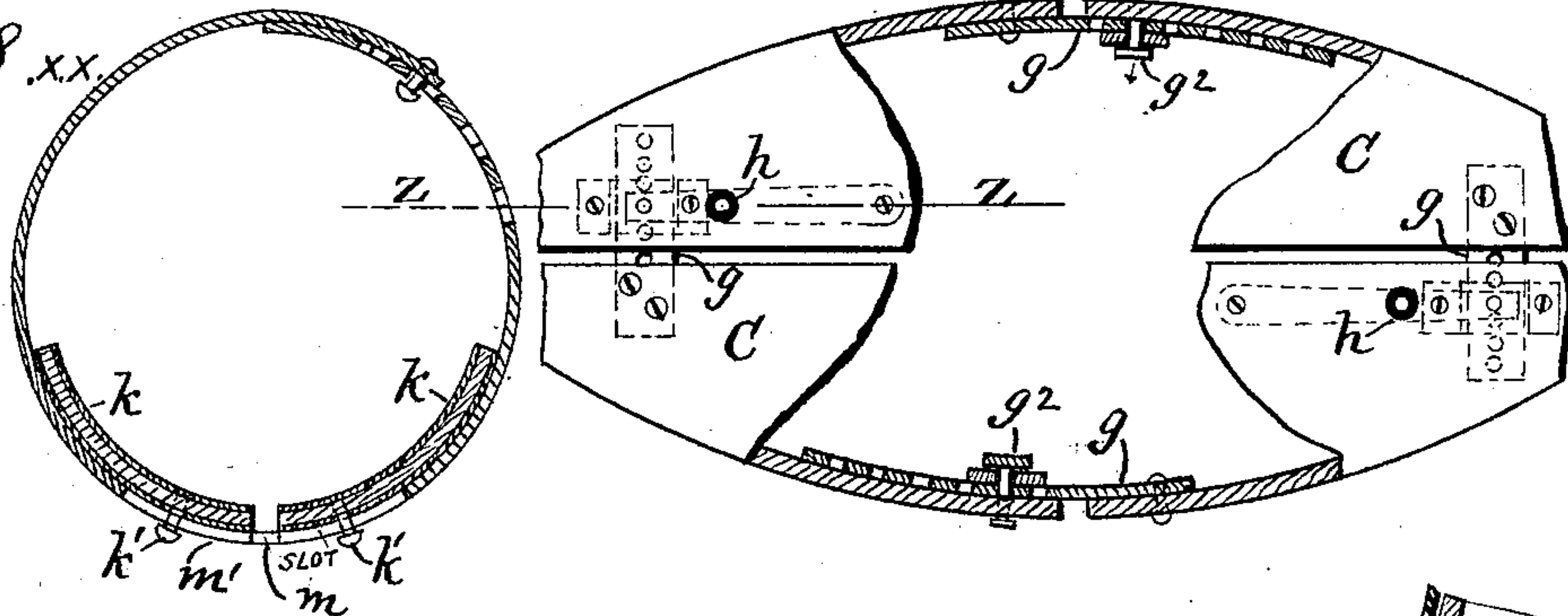


Fig. 10.

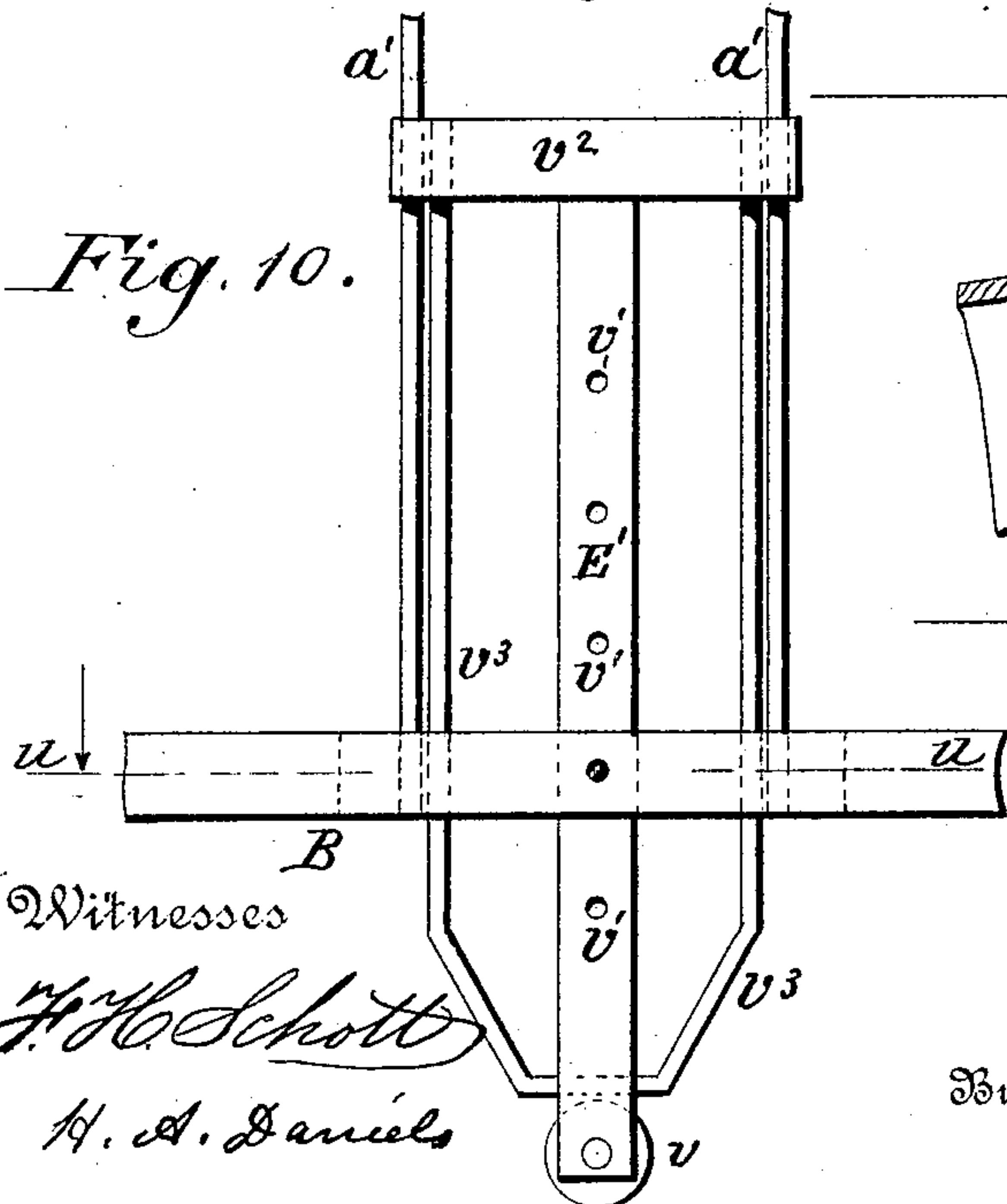


Fig. 11.z.z.

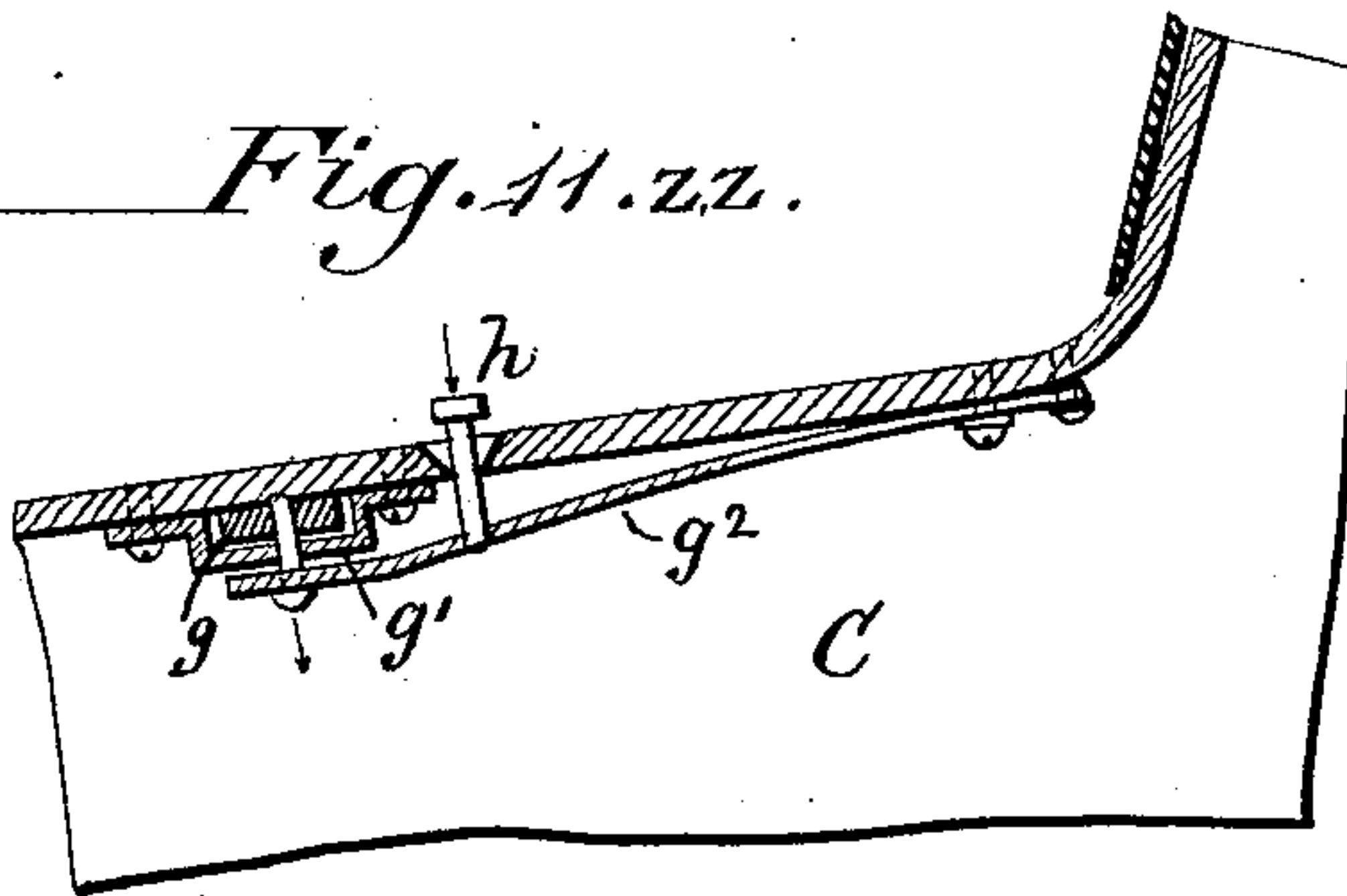
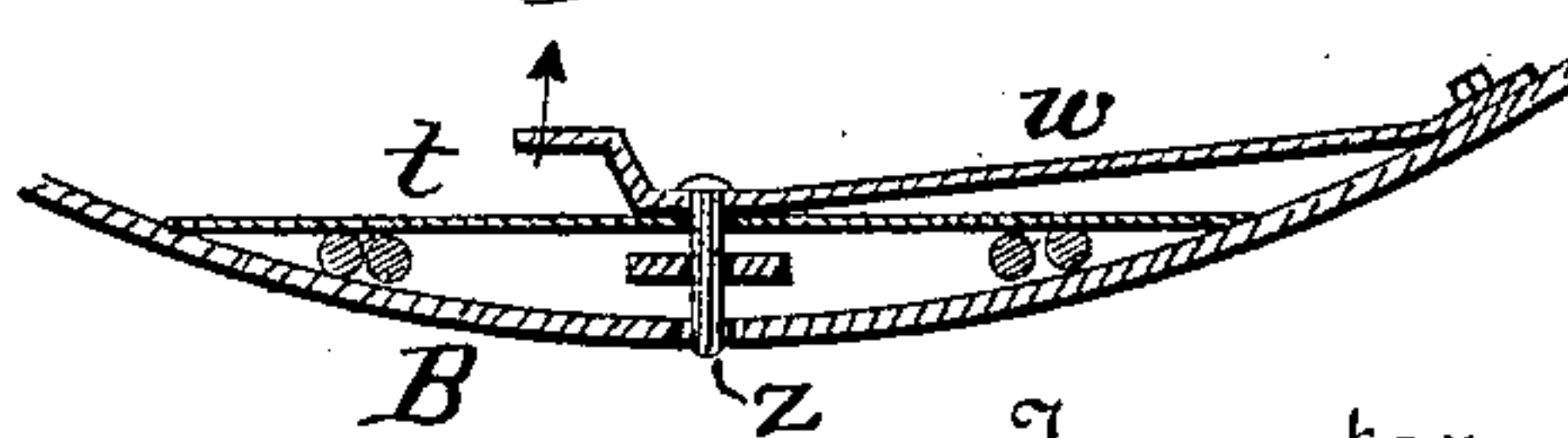


Fig. 12.u.u.



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UNITED STATES PATENT OFFICE.

ARMINDA S. HALL, OF WATERTOWN, MASSACHUSETTS.

DRESS-FORM.

SPECIFICATION forming part of Letters Patent No. 390,668, dated October 9, 1888.

Application filed October 28, 1887. Serial No. 253,621. (No model.)

To all whom it may concern:

Be it known that I, ARMINDA S. HALL, a citizen of the United States of America, residing at Watertown, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Dress-Forms, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to dress-forms for forming ladies' dresses, the object being to furnish a light cheap dress-form that may be readily adjusted in dimensions at different points to give the desired proportions to the dress.

15 In the accompanying drawings, Figure 1 is a perspective view of a dress-form provided with my improvements. Fig. 2 is a vertical section of the bust. Fig. 3 is a sectional plan of the skirt-form and connecting devices. Figs. 4 and 5 are detail views of modifications of extensible bands. Figs. 6 and 7 illustrate the attachment of the collar to the bust. Fig. 8 is a section taken on line *x x* of Fig. 6. Fig. 20 9 is a sectional plan of the bust on line *y y* of Fig. 6. Fig. 10 shows a modified form of legs for dress-form. Fig. 11 is a section taken on line *z z*, Fig. 9. Fig. 12 is a section taken on line *u u*, Fig. 10.

30 A designates the waistband, to which are fastened the upper ends of the wires *a a'*, the lower ends of the wires being fastened to a band, B, at the bottom of the form. The band A is made in several sections, *b*, each of which is provided with a perforated extension, *c*, which extends a suitable distance along the next section *b* of the band through a loop, *c'*, on said next section. A spring, *c²*, fastened at one end, presses against loop *c'*, and is provided with a pin, *c³*, which extends inward, being in position to pass through an aperture in the loop and one of the apertures, *c⁴*, in extension *c*. By pulling outward the spring *c²* the pin is withdrawn, and the extension *c* may be moved farther through the loop to enlarge or contract the band, and another aperture, *c⁴*, being brought under the loop opposite the pin *c³*, the spring, being released, presses the pin through the parts, thus securing them together. 45 The lower band, B, is also constructed in sections *d*, the ends of each section being secured to the lower ends of two or more of the wires

a, the upper ends of which are fast to a section of the waistband at or near the ends thereof. Each of the sections *d* is provided with a perforated extension, *f*, which extends a suitable distance along the next section through a loop, *f'*, said section having a fixed pin, *f²*, the same being in position to pass through one of the apertures *f³* in extension *f*, and by bending the section slightly the pin may be sprung into either of said apertures to lengthen or contract the band, thus securing the parts together. 55

The bust is formed of a shell of light material divided preferably into four sections, C, which are adjustably secured together at various points by means of perforated strips *g*, each of which is made fast at one end to a section C on the inside, and extends through a loop, *g'*, fixed to an adjacent section. A spring, *g²*, having one end fastened to the shell, has at its free end a pin, *g³*, which is in position to be pressed through an aperture in the loop *g'* and an aperture, *g⁴*, in strip *g*. The spring *g²* has fixed thereto a pin or stud, *h*, which extends through a hole in the shell or section of bust and may be pressed inward from the outside, by which pressure the pin *g³* is withdrawn and the strip *g* is released, when the two connected sections may be moved farther from or nearer to each other, as desired, thus expanding or contracting the bust. 65 70 75 80

The two sections C forming the back of the bust are provided with flanges or projections *k*, to which is removably secured an adjustable band, D, forming a collar, the band having a fixed pin or stud, *i*, at one end and elongated apertures *i'* at the other to receive the stud, whereby the band may be enlarged or contracted. The said projections *k* are each provided on the outside with a stud, *k'*, which studs are both located on the same horizontal line, in position to enter the aperture *m* and slots *m'* in the band. The band, being placed on the bust and the head of one of the studs inserted through the aperture, is moved laterally (the stem of the stud being in one of the slots) until the aperture is opposite the head of the other stud, which is then inserted through the aperture, and the band is then moved in the reverse direction, placing the stem of this stud in the other slot, and thus detachably connecting the band with the bust. 85 90 95 100

It will be seen that this mode of connecting the collar with the bust enables the collar to be made solid and dispenses entirely with the usual devices which are required for adjust-
 5 ably connecting the ends of divided collars to allow lateral adjustment of the busts. In the lateral adjustment of the bust with my mode of connecting the collar the stems move back and forth in the slots m' , which are made
 10 the required length to allow the greatest expansion of the bust. The collar D may be otherwise secured in place by means of two loops, s' , attached to projections k , the collar being passed through the loops. (See Fig. 9.)

15 The bust is adjustably secured in position on the skirt-form hereinbefore described by means of the springs F, each of which is secured to a section of the bust, and is provided with a number of catches, n , for vertical ad-
 20 justment to lengthen or shorten the waist. The bust, being placed with its lower part within the waistband A, so that the springs F enter loops n' , fixed to the inside of the collar, is pressed downward, and the spring-
 25 catches n , engaging with the loops n' , retain the bust in place at the desired point. After placing the bust the waistband may be tightened.

The skirt-form may be adjusted in height
 30 by means of the extensible legs E, each of which is formed of a wire, a^2 , which is bent at the middle with the ends turned upward and the extremities g looped on two adjacent wires, a' , as shown. The leg is further secured in place
 35 by means of a guard, t , on the band B and fixed pins u , between which the leg extends downward. The wire forming a leg is bent at intervals to form the opposite notches, w' , to catch on the pins u as the leg is moved up or
 40 down in its adjustment in length, the elastic wire readily yielding to pressure to disengage it from the notches.

The legs are usually provided with rollers v , so that the form may be easily moved about.

45 A modification in the construction of the legs is shown at E', the leg being formed of a strip of metal having perforations v' at intervals and secured at its upper end fast to a cross-piece, v^2 , and at its lower end to a wire, v^3 , the
 50 opposite parts of which are turned upward and have their extremities fastened to cross-piece v^2 , the ends of which are hooked on or formed to inclose loosely two wires, a' . This form of leg is fixed in vertical adjustment by means of
 55 a spring, w , which is provided with a pin, z , which is pressed by the spring through apertures in the guard t , the leg, and band B.

By the construction described the bust-form and the skirt-form are severally laterally and
 60 vertically adjustable at different points. The bust, for instance, may be enlarged at the waist without enlarging the shoulders, and by its adjustable connection with the skirt-form may be extended or reduced in length. The
 65 skirt-form may also be enlarged at the waist without affecting the dimensions of the lower part.

Devices differing slightly in construction may be employed for adjustably connecting the sections of the bands together. The essential
 70 features of the variously-constructed devices, as shown in Figs. 4 and 5 of the drawings, consist of a strip provided with apertures or notches and fastened at one end to one section
 75 of a band, the free end of the strip being extended loosely through a loop along a portion of a contiguous section of a band which carries the loop, and is provided with a pin, stud, or other suitable device adapted to be inserted
 80 in the apertures or notches of the strip, and thus adjustably connect the band-sections together.

I claim—

1. The combination, with a dress-form skirt-frame made in sections, of the waist and skirt
 85 bands A B, each made in sections, which are severally attached to the separate sections of the frame, and the devices whereby the sections of the bands are adjustably connected together, which devices consist of a strip pro-
 90 vided with apertures and attached at one end to one section of a band, the free end of the strip being extended loosely through a loop connected with a contiguous section of the band, which is provided with suitable secur-
 95 ing devices adapted to be inserted in the apertures of the strip, substantially as and for the purposes described.

2. A dress-form provided with a skirt-band, B, in combination with supporting-legs E, con-
 100 nected with the band and with the frame-wires of the form, and vertically adjustable by the devices set forth, substantially as and for the purposes described.

3. A dress-form provided with a skirt-band
 105 having the guard-plates t and pins u , in combination with the legs E, formed of the wires a^2 , having the bent portions w' , adapted to catch upon the pins u , the upper ends of the wires a^2 being looped loosely around the frame-
 110 wires a' , substantially as set forth and described.

4. In combination with a skirt-form provided with a waistband having on its inner side the loops n' , the bust-form provided with
 115 the spring-bars F, each having a series of catches, n , the said spring-bars and their catches being adapted to be inserted through and catch against the said loops, whereby the bust may be adjusted vertically upon the skirt-
 120 form, substantially as and for the purposes described.

5. In a dress-form, a bust-form made in sections which are adjustably connected together
 125 at different points, the sections being provided with locking devices, each consisting of a perforated strip, g , a loop, g' , and a spring, g^2 , having a pin, g^3 , and a stud, h , which extends through an aperture in the casing of the bust-
 130 form, substantially as set forth and described.

6. The combination, with a dress-form bust made in sections adjustably connected with each other and provided with the neck pro-
 jections k , having studs k' , of the collar D, pro-

vided with a perforation, *m*, and the slots *m'*
on opposite sides of and connected with the
perforation, the said studs, aperture, and
slots being adapted to detachably connect the
5 band with the bust and to permit the sections
of the bust to be adjusted laterally, substan-
tially as and for the purposes described.

In testimony whereof I have affixed my sig-
nature in presence of two witnesses.

ARMINDA S. HALL.

Witnesses:

J. W. BACON,
JOHN HALL.