

(No Model.)

O. BORCHERT.
GARMENT STAND.

No. 520,251.

Patented May 22, 1894.

Fig:1.

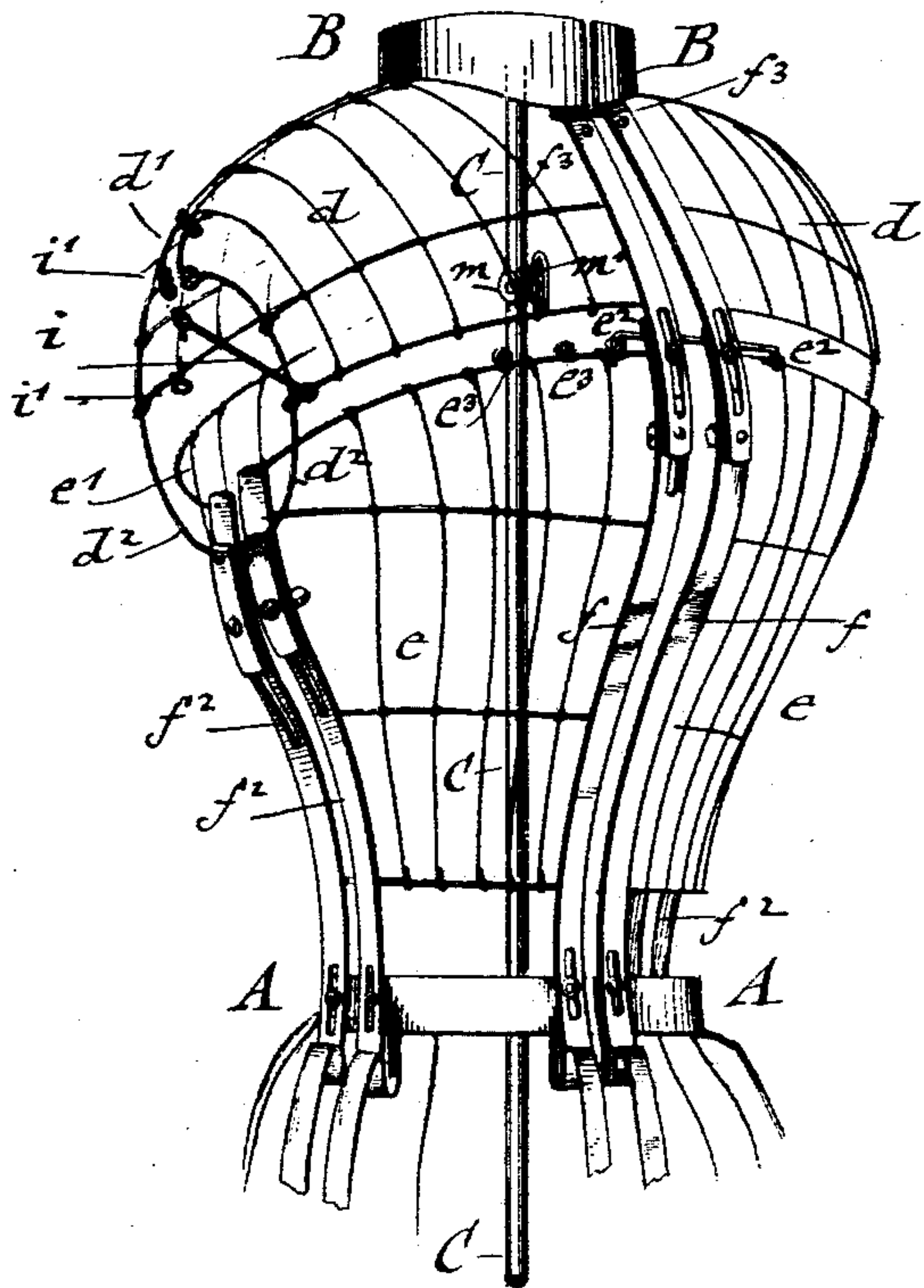


Fig:3.

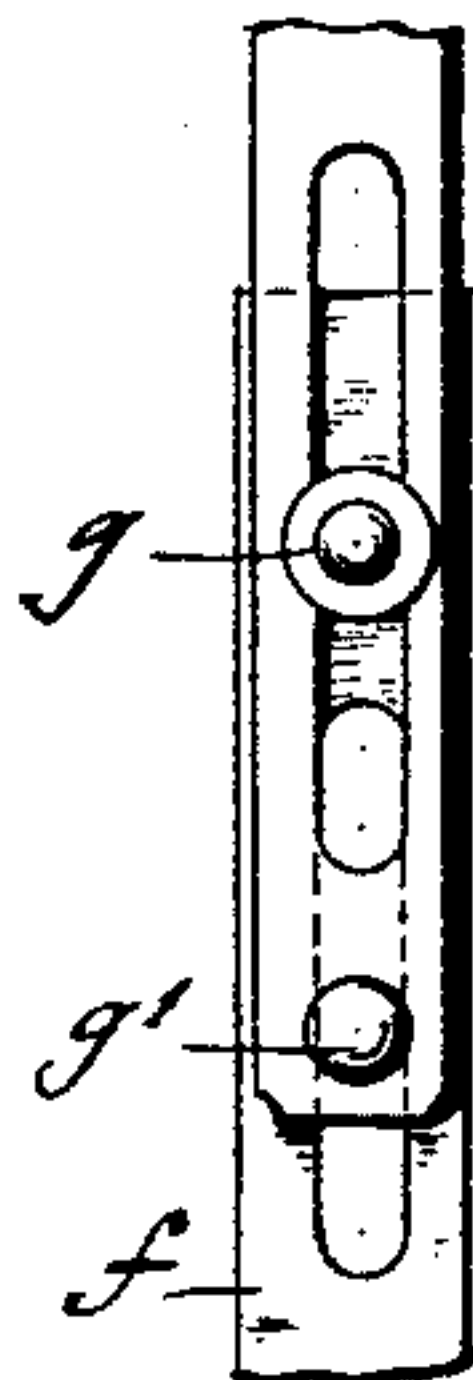


Fig:4.

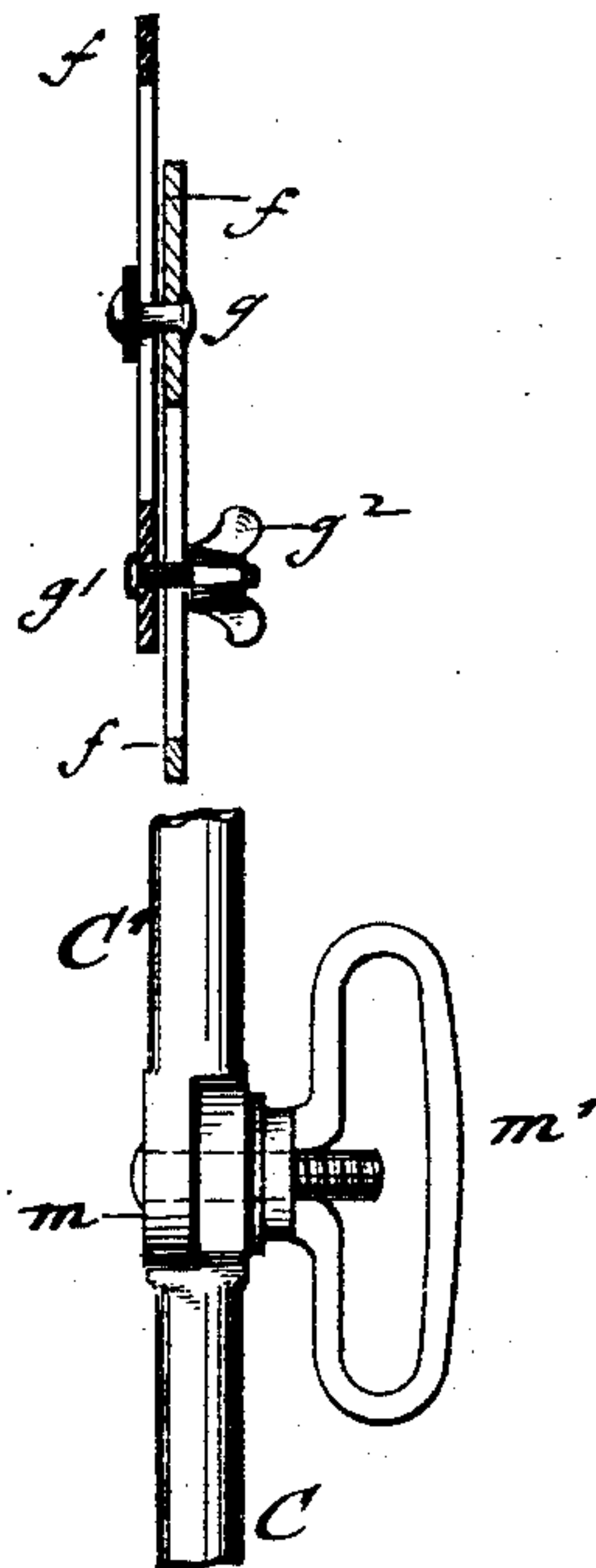


Fig:5.

Fig:6.

Fig:7.

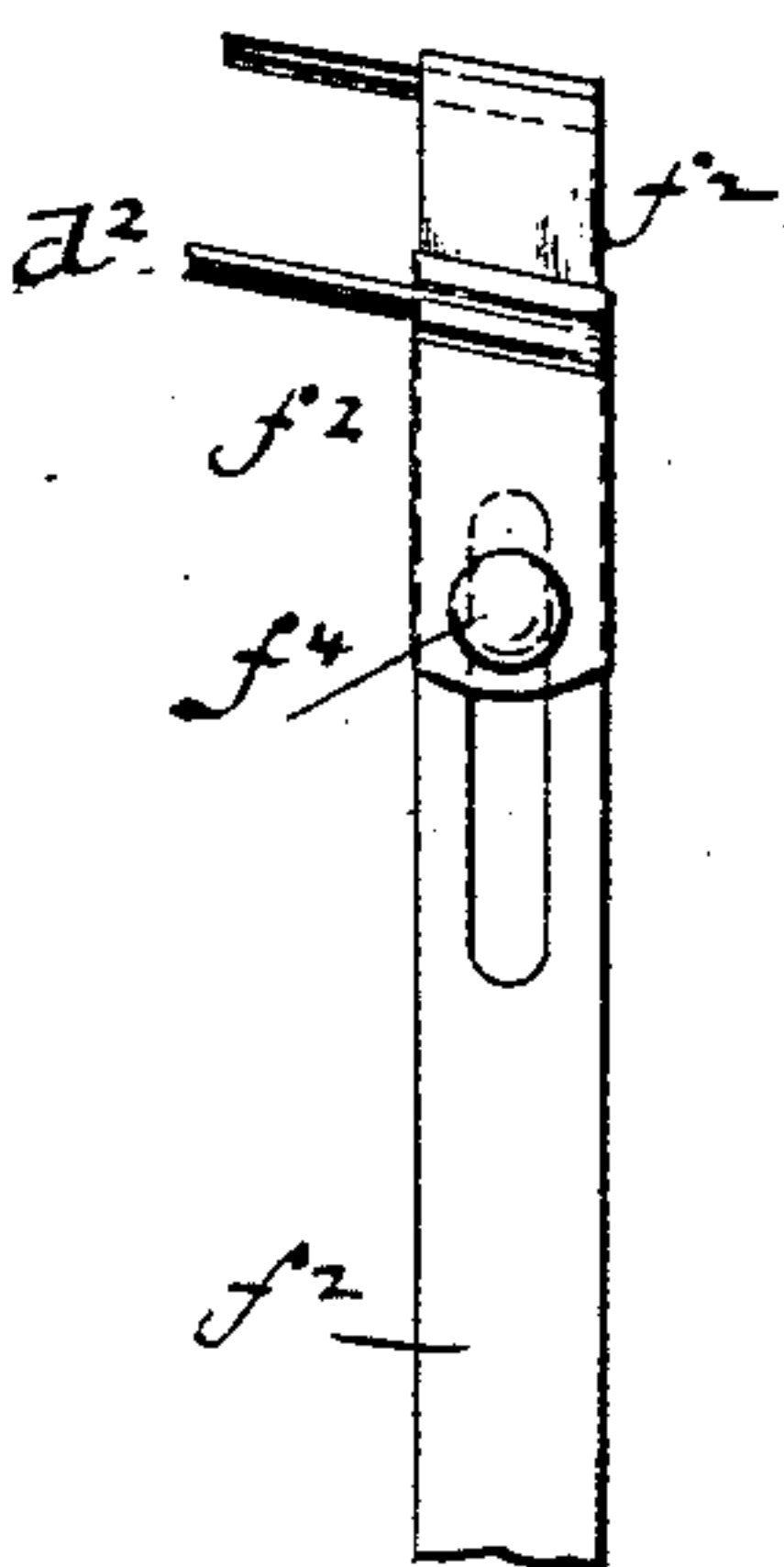


Fig:8.



Fig:2.

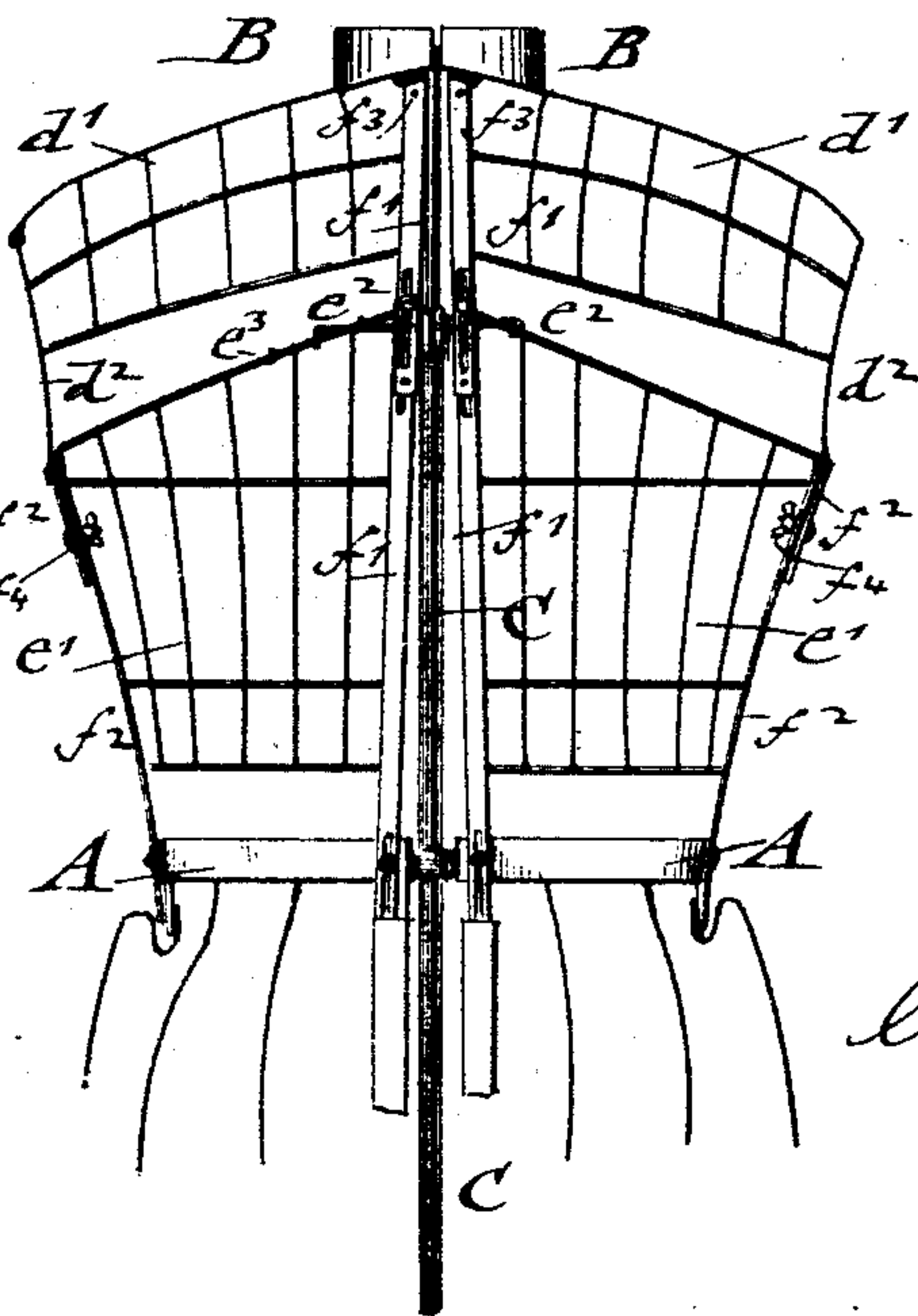
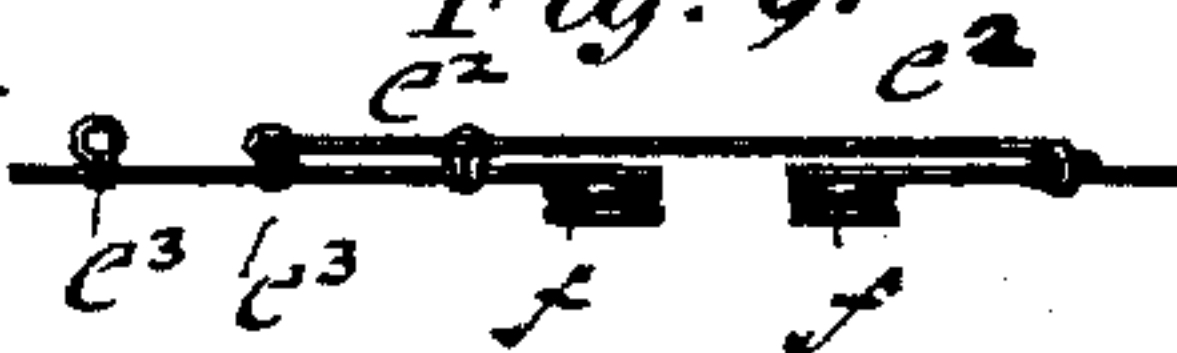


Fig:9.



WITNESSES:

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UNITED STATES PATENT OFFICE.

OSCAR BORCHERT, OF JERSEY CITY, NEW JERSEY.

GARMENT-STAND.

SPECIFICATION forming part of Letters Patent No. 520,251, dated May 22, 1894.

Application filed June 27, 1893. Serial No. 478,962. (No model.)

To all whom it may concern:

Be it known that I, OSCAR BORCHERT, a citizen of the United States, residing in Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Garment-Stands, of which the following is a specification.

In Letters Patent No. 344,516, dated June 29, 1886, and No. 394,013, dated December 4, 1888, heretofore granted to me for a garment-stand, the adjustment of the main-sections of the garment-stand at the neck, waist and skirt was mainly covered, as thereby the stand could be readily adjusted to the different sizes of dresses desired to be fitted or exhibited. These garment-stands did however not provide for any adjustment at the bust and shoulders independently of the adjustment of the waist and neck, so that they were not fully adapted to the wants of dressmakers in this respect.

The object of my invention is to so improve the garment-stand heretofore patented by me that the size of the bust at the front and the back and the slope of the shoulders can be adjusted independently of the adjustment of the neck and waist of the stand, so that the upper part of the stand can be adjusted to a nicety to any desired size and shape, the means used being of such a nature that the construction of the stand is not unnecessarily complicated nor the expense of the same increased to any considerable extent.

The invention consists therefore of a garment-stand in which the bust or upper portion of the stand is formed of eight independently-adjustable sections, four upper or shoulder sections and four lower or bust-sections proper, said upper and lower sections being so connected that they are adjustable as to length and girth and also provided with means for increasing the slope and the thickness of the shoulders, as will be fully described hereinafter and finally pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective front-view of the bust-portion of my improved garment-stand, the lower or skirt-portion being omitted. Fig. 2, is a rear-elevation of the same. Figs. 3 and 4 are details of the adjustable front stays of the bust-sections. Figs. 5 and 6 are

details of the adjustable upper end of the supporting rod of the stand. Figs. 7 and 8, are details of the adjustable rear-stays of the bust-sections, and Fig. 9, is a detail of the means for transversely connecting the front and back stays of the bust-sections.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the adjustable waist-sections and B the neck-sections of my improved garment-stand, which are supported on the vertical central rod or pillar C. The bust-portion of the stand, or that part located between the waist and neck-sections A and B is formed of eight sections, four upper or shoulder sections $d d'$ and four lower or bust-sections proper $e e'$, which are independently adjustable, said sections being connected at the front side and rear to independent front, back and side-stays $f f'$ and f^2 , each of which is formed of two parts, the adjacent slotted ends of which are made to overlap each other so as to permit the guiding and clamping of the same by means of studs g and set-screws g' having thumb-nuts g^2 as shown in Figs. 3 and 4. The upper ends of the front and back stays $f f'$ are pivoted to the lower rings of hinges f^3 by which the connection with the adjustable neck-sections B is made so as to give a free play to the upper ends of the front and back stays in either direction relatively to the neck-sections when adjusting the upper or shoulder-sections $d d'$ of the bust-portion. The outer ends of the upper or shoulder-sections $d d'$ are connected by downwardly-extending wires d^2 with the adjustable portions of the side-stays f^2 the ends of said wires being rigidly secured by clamp-screws f^4 to the side-stays, as shown in Figs. 1, 2, 7 and 8. The upper front and back shoulder-sections $d d'$ are further connected near their shoulder-openings with a transverse-hook i that is pivoted to the lowermost wire of the front-section d and connected with eyes i' which are rigidly attached to the transverse rear wires of the back shoulder sections d' . The pivot hooks i of the front shoulder-sections d and the eyes i' of the back shoulder-sections d' permit a certain play in the adjustment of the shoulder-sections so that the same can be set at a greater or smaller distance from each

other and set thereby for a greater or smaller fullness of the bust-portion at the shoulders. The length and fullness of the bust-portion at the front are adjusted by lengthening or shortening the front-stays f while the length of the bust-portion at the back as well as the rounding of the same is produced by lengthening or shortening the adjustable back-stays f' . The slope of the shoulder-sections d is obtained by raising or lowering the side stays f^2 of the upper shoulder-sections on the side-stays of the lower sections $e e'$. After the upper and lower front and back sections $d d'$ and $e e'$ are adjusted, it is necessary to lock the front and rear stays $f f'$ in lateral direction, so as to prevent any change in the position of the stays. For this purpose, the lower front-sections $e e$, and the lower back-sections $e' e'$, are provided with a connecting pivot-hook e^2 that extends transversely across the front and back-stays, as shown in Figs. 1, 2 and 9 and engages eyes e^3 on the wires of the lower sections, so as to secure the stays and thereby the lower bust-sections reliably in the position to which they are adjusted especially when the bust-portion is arranged for extra sizes of busts.

In some cases, it is necessary to adjust the position of the bust-portion toward the skirt-portion, so as to make the same correspond to the natural bend of the person for whom the dress is made. This object is obtained by making the central supporting rod C in the upper part of the bust-portion in two sections, and connecting the upper section C' by a pivot-joint m and clamp-nut m' with the main-section C . The upper section C' of the supporting rod C can be set to any suitable angle of inclination to the rigid main-portion C either forward or backward according as a slight forward stoop or a slight backward inclination is to be imparted to the bust-portion. The upper adjustable section C' of the supporting rod C is rigidly attached to the inner part of the neck-sections of the stand so that the latter move with the upper section.

By the different adjustments of the bust-sections described my improved garment-

stand is adapted in a higher degree to the different requirements of dress-makers, as the bust-portion can be adjusted so as to correspond accurately to the size and shape of the bust of the person for whom the dress is made, as not only the thickness and slope of the shoulder-sections but also the fullness and length of the lower sections can be quickly and conveniently adjusted.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A garment-stand, the bust-portion of which is composed of upper and lower front and back-sections, independently adjustable stays located at the contiguous edges of the sections, and means for connecting said sections, substantially as set forth.

2. A garment-stand, the bust portion of which is composed of neck and waist-sections, upper and lower bust-sections, adjustable front and back and side-stays for said bust-sections and a combined hinge and pivot connection between the neck sections and the upper ends of the front and back stays, substantially as set forth.

3. The combination, in a garment-stand, of neck and waist sections, upper and lower front and back bust sections, independently adjustable stays located at the contiguous edges of and for connecting the bust sections and means for connecting the lower front and back bust sections transversely across the stays, substantially as set forth.

4. In a garment-stand, the combination, of the waist and neck-sections of the bust-portion with a central supporting rod or pillar provided with a pivoted upper section connected with the neck-sections and with means for clamping the same to the main-rod or pillar, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

OSCAR BORCHERT.

Witnesses:

PAUL GOEPEL,

CHARLES SCHROEDER.