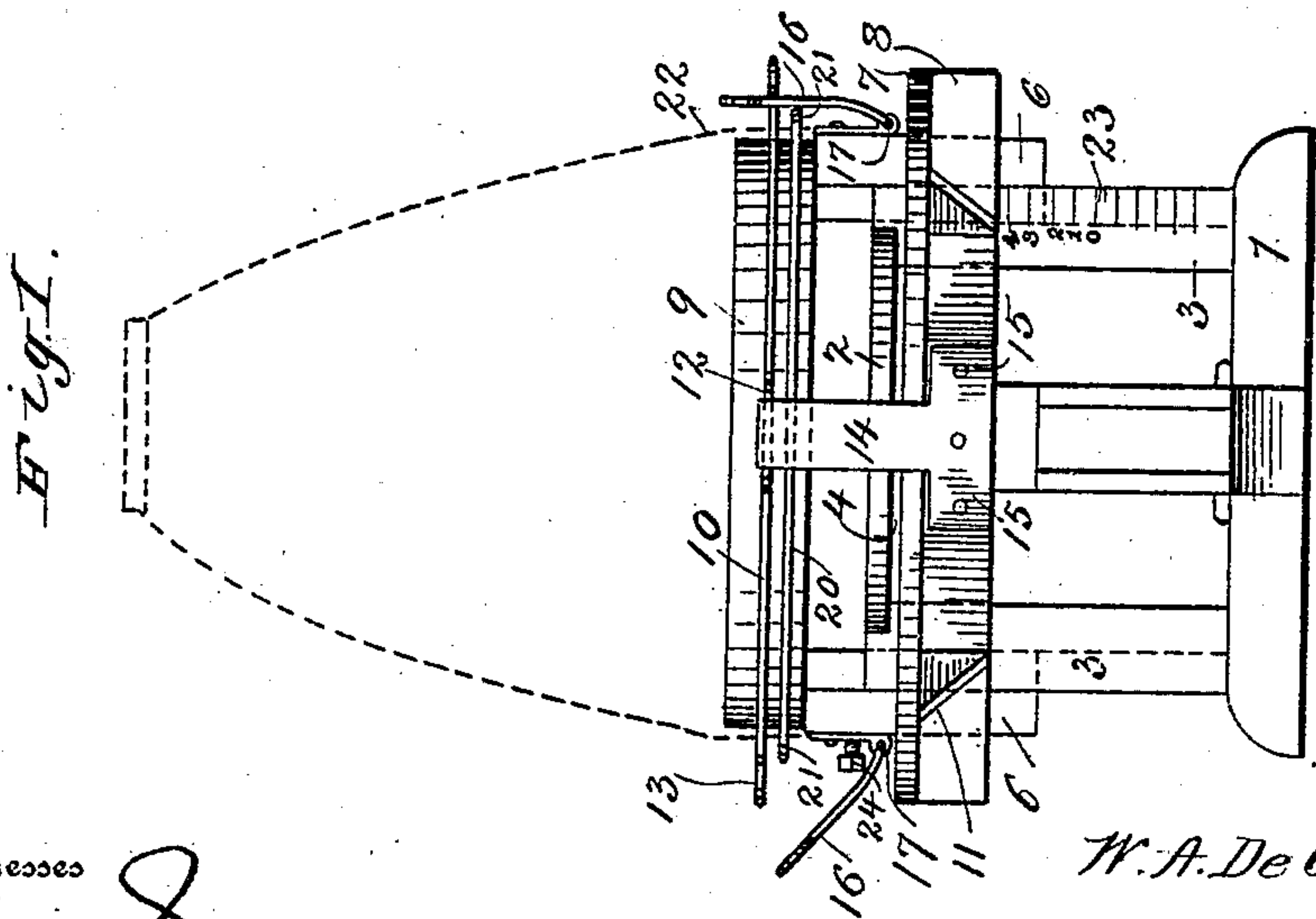
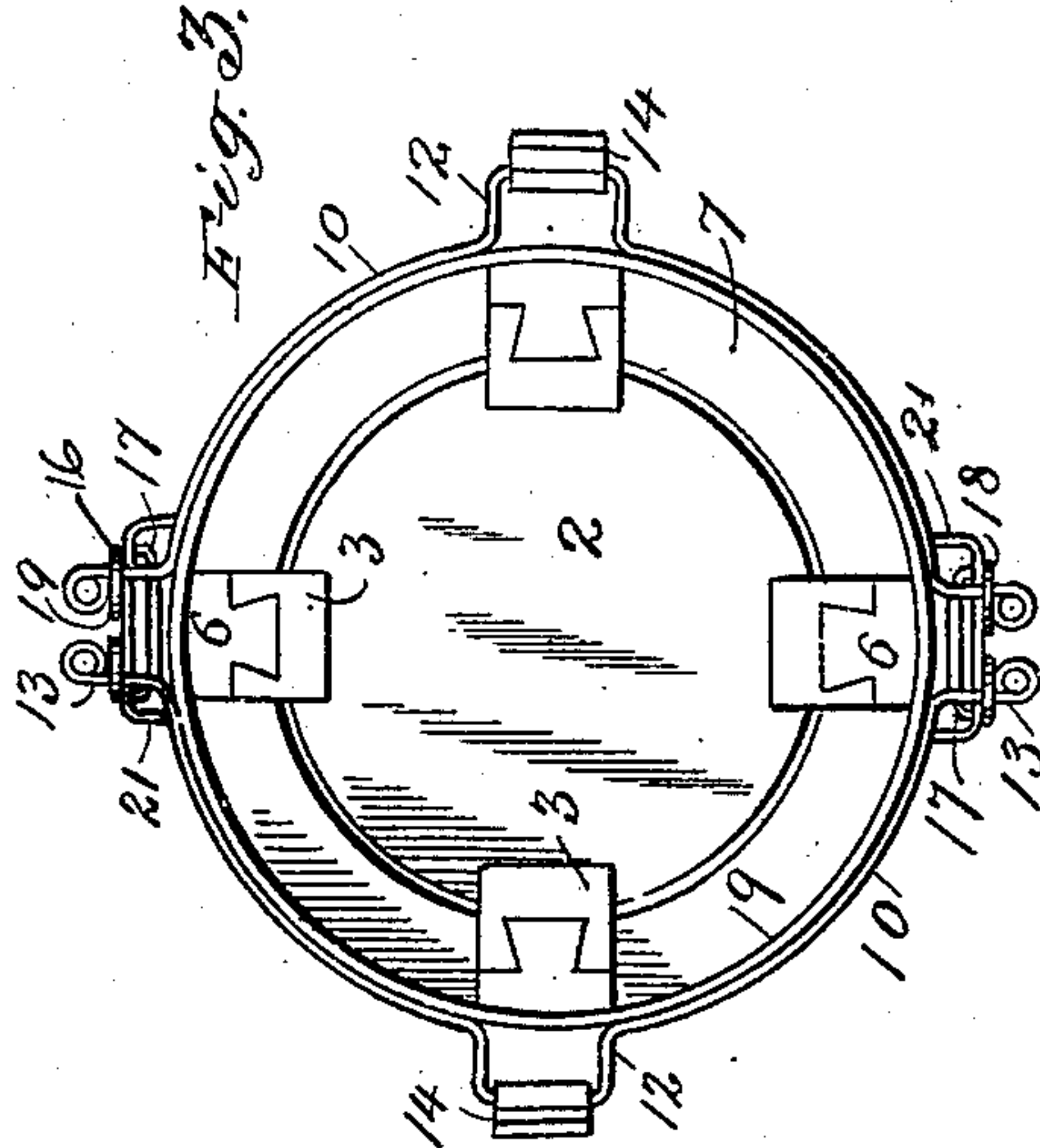
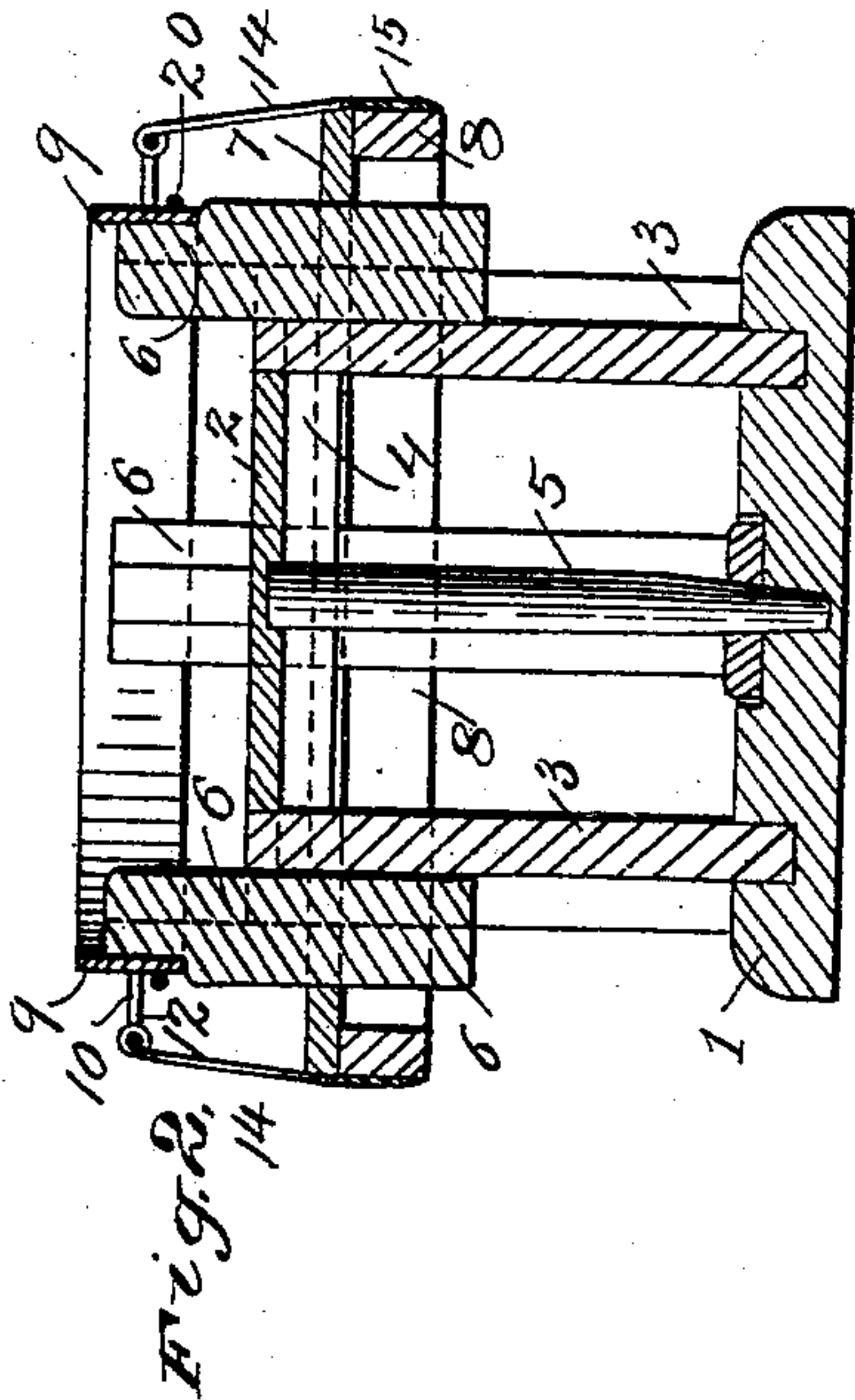


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DRESSMAKER'S GAGE AND STAND.
APPLICATION FILED JAN. 28, 1908.

914,931.

Patented Mar. 9, 1909.
2 SHEETS—SHEET 1.



Witnesses

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Fig. 4.

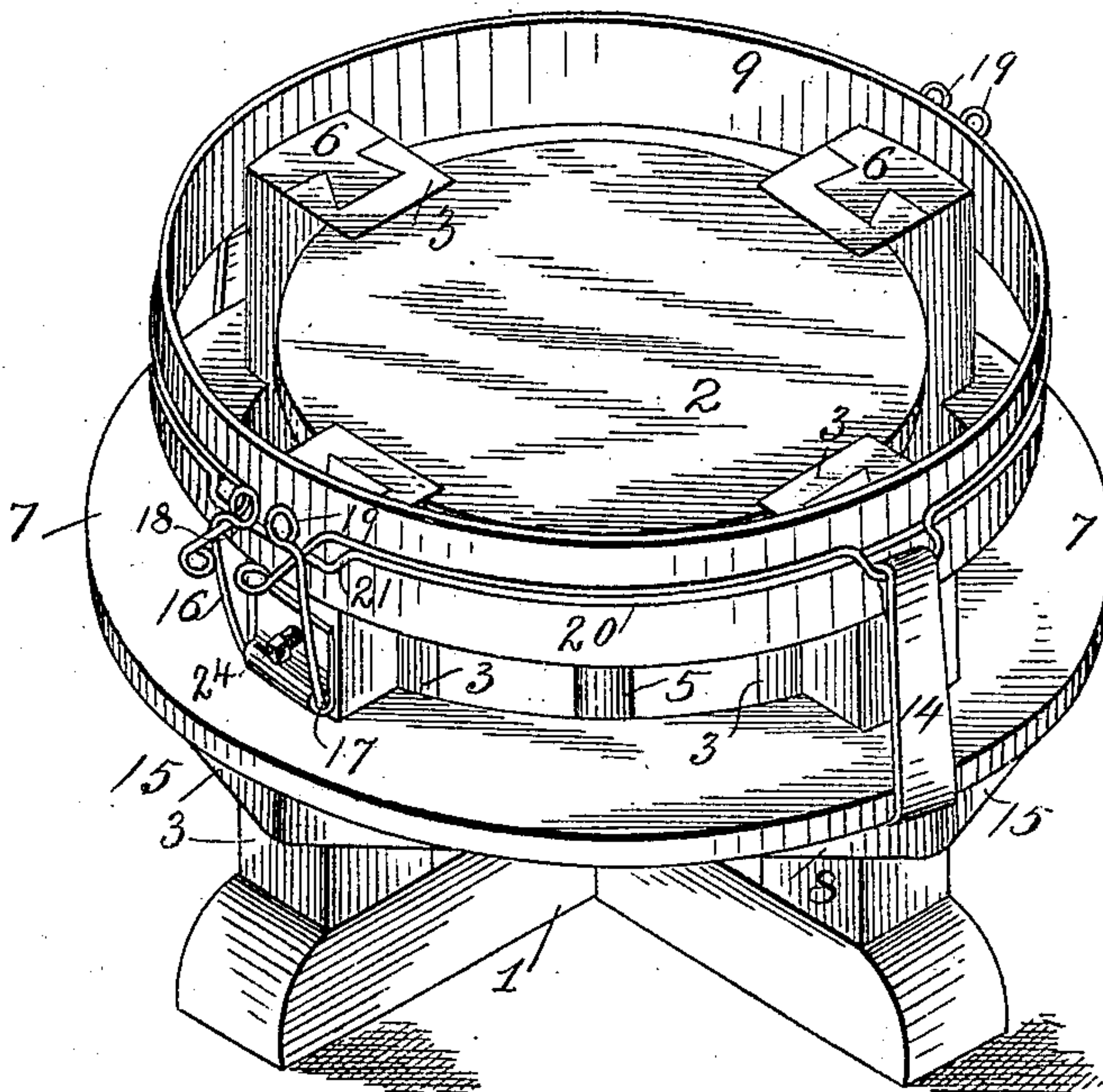
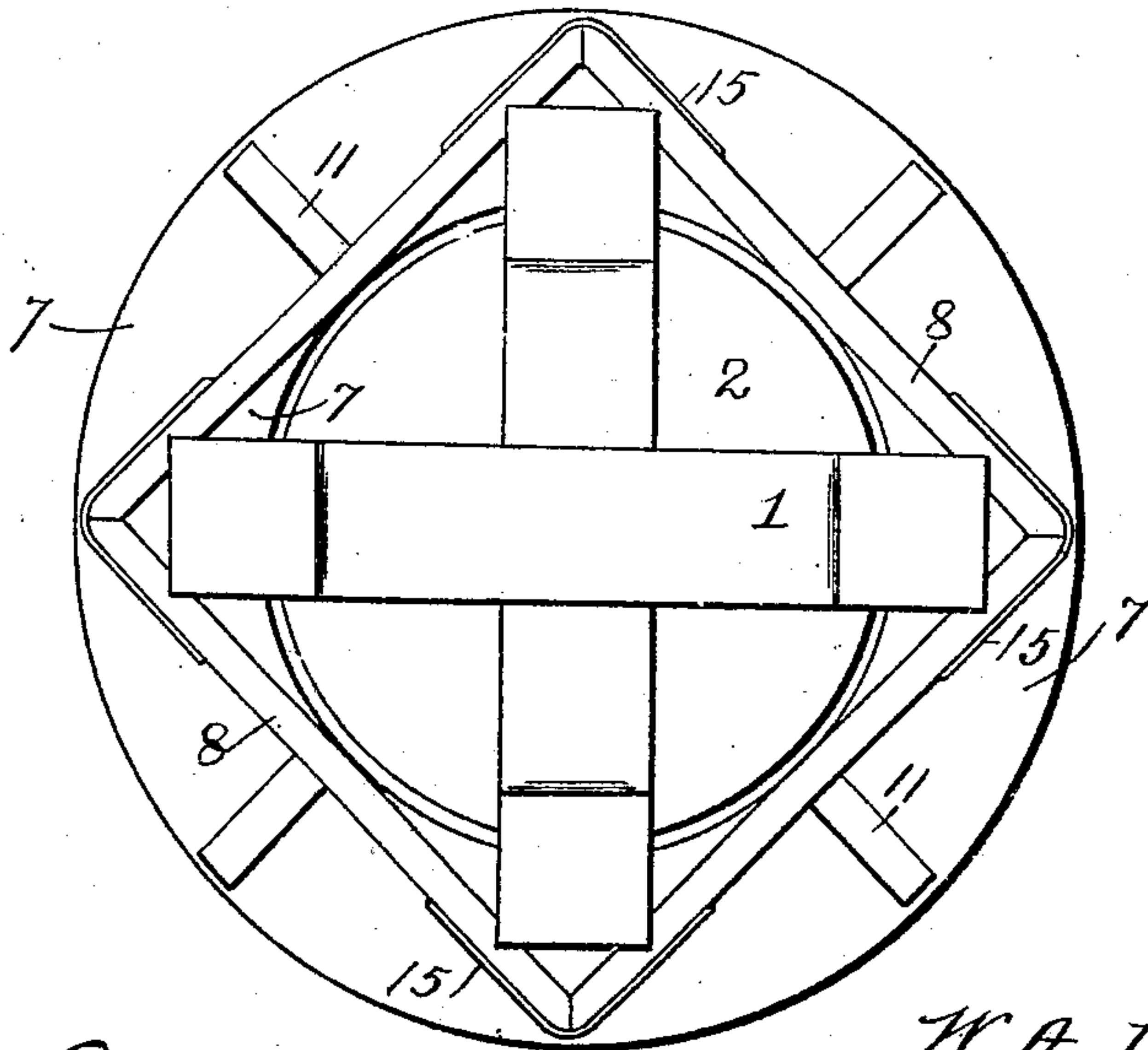


Fig. 5.



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UNITED STATES PATENT OFFICE.

WILLIAM A. DE GARIS, OF GEORGETOWN, KENTUCKY.

DRESSMAKER'S GAGE AND STAND.

No. 914,931.

Specification of Letters Patent.

Patented March 9, 1909.

Application filed January 28, 1908. Serial No. 413,138.

To all whom it may concern:

Be it known that I, WILLIAM A. DE GARIS, citizen of the United States, residing at Georgetown, in the county of Scott and State of Kentucky, have invented certain new and useful Improvements in Dress-makers' Gages and Stands, of which the following is a specification.

The present invention provides novel means for accurately determining the length of misses' and ladies' skirts to insure an even hang or uniform distance from the floor or horizontal surface, the device being of such formation as to receive the person wearing the skirt whose length is to be indicated.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction and the means for effecting the result, reference is to be had to the following description and accompanying drawings.

While the invention may be adapted to different forms and conditions by changes in the structure and minor details without departing from the spirit or essential features thereof, still the preferred embodiment is shown in the accompanying drawings, in which:

Figure 1 is a view in elevation of the device. Fig. 2 is a vertical central section thereof. Fig. 3 is a top plan view. Fig. 4 is a perspective view. Fig. 5 is a view of the device inverted.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The device embodies a stand and a combined skirt gage and holder, the latter being vertically adjustable with reference to the stand and adapted to be secured in the required position, the length of the skirt being indicated by graduations provided upon one of the parts, preferably the stand.

The stand consists of a base 1, platform 2 and posts 3. The base 1 may be of any formation and usually consists of crossed bars. The posts 3 extend vertically from the outer ends of the crossed bars forming the base and are connected at their upper ends by other crossed bars 4. The platform 2 rests upon the upper crossed bars 4 and is notched in its outer edge to receive the upper ends of the posts 3. A center post 5 connects the base 1 and the upper crossed bars 4 and braces the platform in the center

where the weight of the person comes when the device is in active operation. The posts 3 support the platform 2 and also serve as guides to retain the skirt gage and holder in proper position and direct the same in its vertical adjustments.

The combined skirt gage and holder consists of vertical bars 6, a ring 7, a lower frame 8, a band 9 and cooperating clamps 10. The band 9 is of annular form and connects the upper ends of the bars 6 and forms the inner member of the skirt holder. The ring 7 has a horizontal arrangement and connects the bars 6 intermediate of their upper and lower ends. The lower frame 8 supports and braces the ring 7 and its bars or members are connected to the bars 6 and also serve as ties and braces therefor. Webs 11 connect the bars of the frame 8 at a middle point with the ring 7 and brace the latter. The bars 6 have positive connection with the posts 3 to be directed in their vertical movements. The interlocking means between the parts 3 and 6 consist of a tongue and a groove, the latter being formed in the outer faces of the posts 3 and the former being provided upon the inner faces of the bars 6. The tongue and groove joint between the parts 3 and 6 is of wedge or dove-tail form in horizontal section, thereby preventing outward displacement of the parts.

The skirt holder consists of the band 9 and clamps 10, the latter being of semi-circular form and constructed of spring wire, each clamp being provided at a central point with a crimp 12 and at its ends with outer extensions 13 terminating in eyes. Each of the clamps is pivotally or hingedly mounted upon the upper end of a spring arm 14 which extends upward from the lower frame 8. An eye at the upper end of the spring arm 14 receives the outer closed end of the crimp 12. The extensions 15 provided at the lower end of each of the spring arms 14, are bent to fit the corner of the frame 8 and engage with adjacent bars or members thereof to which they are attached. The adjacent ends of the clamps 10 are made secure by means of a spring catch 16 of U-form and pivoted at its lower end at 17 to one of the posts 3. The two spring catches 16 are located at diametrically opposite points. The vertical or side members of each spring catch are bent inward at their upper ends, as shown at 18, and terminate in eyes 19, which form finger pieces. The inner bent ends 18 engage over

the outer extensions 13 of the spring clamps 10 and hold the latter in place when moved to a position to confine the skirt between the band 9 and the clamps. A ring 20 encircles
 5 the band 9 and is provided at diametrically opposite points with outer crimps 21 which come opposite the spring catches 16 and co-operate therewith and with the clamps 10. The outer crimps 21 form stops to limit the
 10 downward movement of the clamps 10 by obstructing the outer extensions 13. The catches 16, when thrown upward and inward, are limited in their movement by coming in contact with the said crimps 21. The ring
 15 20 forms in effect an outer shoulder and co-operates with the clamps 10 to secure the lower portion of the skirt 22 when the same is held and in position to be trimmed or marked.

20 The primary purpose of the ring 7 is to provide a step to enable the person to easily mount the stand or to dismount. This ring also serves as a handle, thereby providing convenient means for moving the skirt
 25 holder up or down with reference to the stand when required. After the person wearing the skirt to be trimmed, has mounted the platform and the skirt has been adjusted, it is clamped by being confined between the
 30 band 9 and the parts 10, after which the skirt is marked along a line using the clamp members 10 as a guide, and after being marked the skirt is released and the person dismounts from the platform, when the skirt
 35 may be hemmed or trimmed along the line of the mark.

The clamp members 10 occupy a position parallel with the platform 2 and besides serving to secure the skirt to the band 9, act
 40 as a guide to direct the chalk employed for marking the skirt in line with the clamp. The relative distance between planes passed through the platform 2 and the clamp may be readily determined by means of gradua-
 45 tions 23 provided upon one of the posts 3, as shown most clearly in Fig. 1. After the combined skirt gage and holder has been adjusted to the desired position, it may be secured by suitable fastenings 24 which, as
 50 shown, consist of set screws threaded into one or more of the bars 6 and adapted to engage at their inner ends with the cooperating post or posts 3.

The invention not only provides a device
 55 admitting of the work being performed in an easy, accurate and convenient way, but is likewise a time saver, since the skirt may be quickly adjusted to the wearer and the proper length determined and marked in a
 60 comparatively short interval of time.

Having thus described the invention, what is claimed as new is:

1. A dress maker's skirt gage comprising a
 65 skirt whose length is to be determined,

mounts, a skirt gage vertically adjustable with reference to the stand to determine the length of the skirt to be fitted, and a holder for confining the lower portion of the skirt to prevent displacement during the trimming
 70 operation.

2. In a dress maker's appliance, the combination of a stand to receive the person wearing the skirt whose length is to be determined, a gage vertically adjustable with ref-
 75 erence to the stand, means for securing said gage in the adjusted position, and a skirt holder mounted upon the stand and adapted to confine the lower portion of the skirt whose length is to be determined. 80

3. In an appliance of the character set forth, the combination of a platform, posts supporting the platform, a gage vertically adjustable, interlocking means between the
 85 gage and the aforesaid posts to direct the gage in its vertical movements, and means for securing the gage in the required adjusted position.

4. In a dress maker's appliance of the character set forth, the combination of a
 90 stand, a vertically adjustable skirt holder, guide means between the skirt holder and stand to retain said skirt holder in place and direct the same in its vertical movements, and means for securing the skirt holder to
 95 the stand in the required adjusted position.

5. In a device of the character specified, the combination of a skirt holder consisting of a band, and cooperating clamp members, the latter unitedly encircling the band and
 100 adapted to confine the skirt thereto.

6. In a device of the character set forth, the combination of a band, spring skirt clamps of approximately semi-circular form and having extensions at their extremities,
 105 and catches adapted to cooperate with said extensions for securing the clamps when fitted about the said band.

7. In a device of the character set forth, the combination of a band, cooperating
 110 spring clamps, means pivotally supporting the spring clamps at a middle point, and other means for securing the ends of the spring clamps when fitted about the band.

8. In a device of the character set forth,
 115 the combination of a band, spring clamps adapted to encircle and cooperate with said band, and spring arms for supporting the spring clamps at a middle point.

9. In a device of the character set forth,
 120 the combination of a band, spring members having crimps intermediate of their ends, and spring supports pivotally supporting said spring clamps and having connection with the crimps thereof. 125

10. In combination, a band, spring clamps of approximately semi-circular form adapted to encircle the band and having outer exten-
 130 sions at their ends, and spring catches of approximately U-form and adapted to en-

gage with the outer extensions of the clamps and secure the same when fitted to the said band.

11. In combination, a band having outer
5 extensions at opposite points, spring clamps
pivotally supported intermediate of their
ends and having outer extensions at their
extremities to engage with the outer exten-
sions of the band and limited in their down-
10 ward movement thereby, and pivoted catches

for engaging with the outer extensions of the
aforesaid clamps and limited in their upward
movement by the outer extensions of said
band.

In testimony whereof I affix my signature 15
in presence of two witnesses.

WILLIAM A. DE GARIS. [L. s.]

Witnesses:

J. H. DE GARIS,
W. S. POWELL.