No. 793,811. PATENTED JULY 4, 1905.

A. ABELSON.

COMBINATION HAT, COAT, AND UMBRELLA RACK.

APPLICATION FILED MAY 21, 1904.

2 SHEETS—SHEET 1.

Fig. 1.

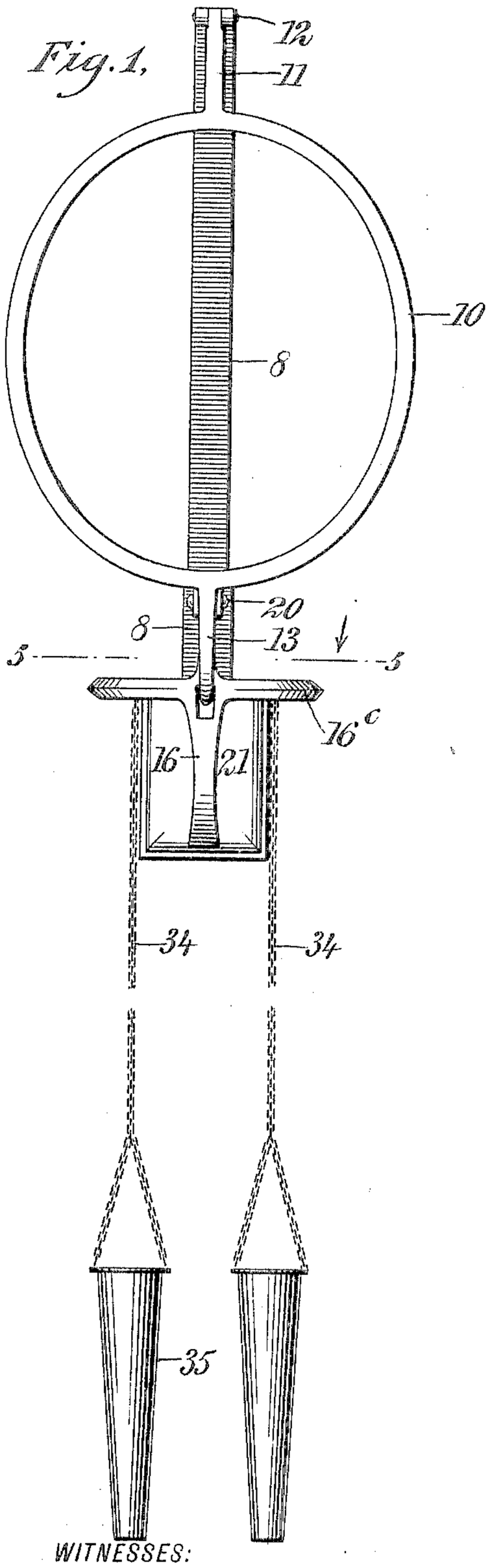
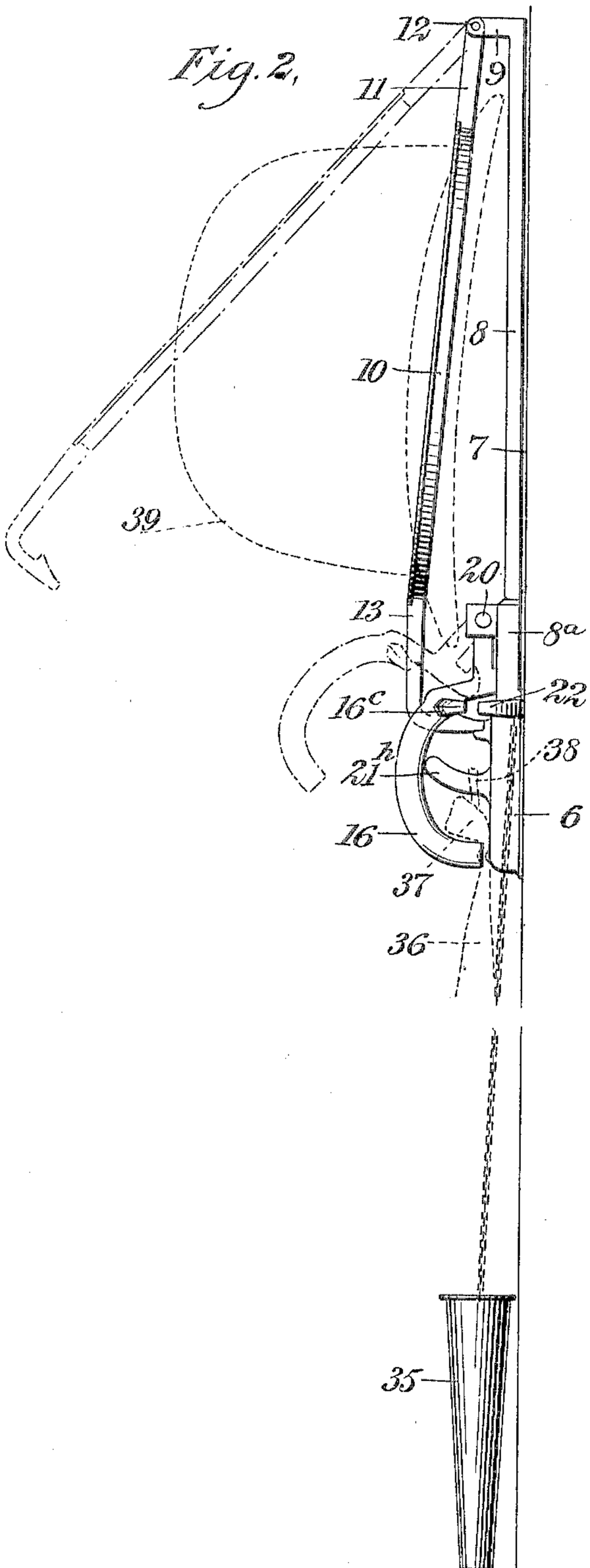


Fig. 2.



WITNESSES:

Edward Thorpe.

W. Harrison -

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2 SHEETS—SHEET 2.

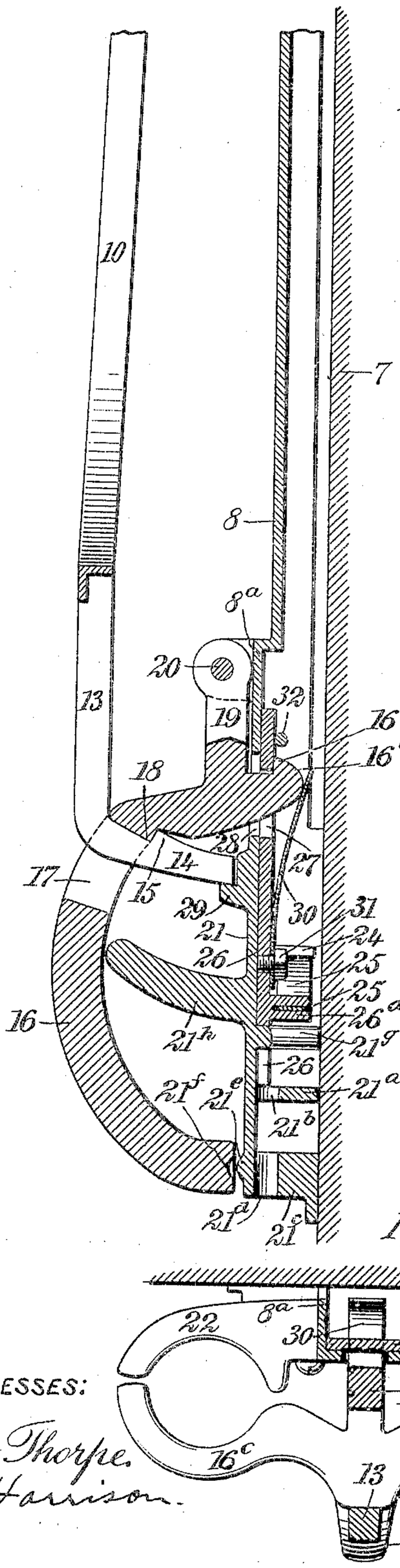

Fig. 3.

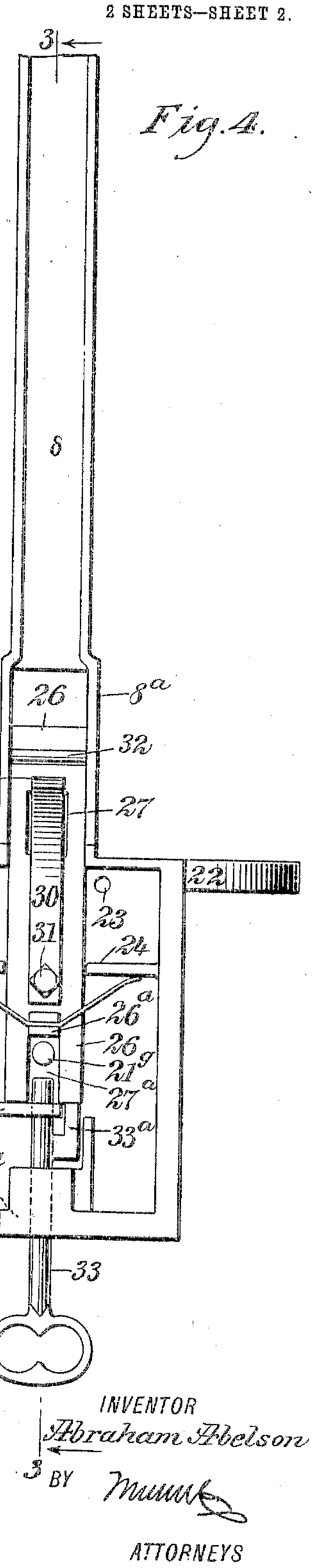

Fig. 4.

Fig. 5.

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No. 793,811. Patented July 4, 1905.

UNITED STATES PATENT OFFICE.

ABRAHAM ABELSON, OF NEW YORK, N. Y.

COMBINATION HAT, COAT, AND UMBRELLA RACK.

SPECIFICATION forming part of Letters Patent No. 793,811, dated July 4, 1905.

Application filed May 21, 1904. Serial No. 208,994.

To all whom it may concern:

Be it known that I, ABRAHAM ABELSON, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Combination Hat, Coat, and Umbrella Rack, of which the following is a full, clear, and exact description.

My invention relates to combination-racks for the storage of articles, and more particularly to the type of rack suitable for storing hats, coats, and umbrellas so as to render the same comparatively secure.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation showing the rack of my invention ready for use. Fig. 2 is a side elevation of the same. Fig. 3 is an enlarged fragmentary vertical section through the locking mechanism. Fig. 4 is a rear elevation of the same, and Fig. 5 is a horizontal section upon the line 5 5 of Fig. 1 looking in the direction of the arrow.

A casing 6 is secured upon a wall 7 and is provided with a slideway 8^a and with a vertical stem 8, projecting upwardly therefrom. The extreme upper end of the stem 8 is provided with a boss 9, from which hangs an elliptical rim-clamp 10 for engaging the rim of a hat. This rim-clamp is provided with a stem 11, pivoted at 12 and free to move radially, so as to cause the rim-clamp 10 to swing inwardly or outwardly, as indicated by full and dotted lines in Fig. 2. The lower end of the rim-clamp is provided with a neck 13 and with a head 14, provided with a beard 15 integral therewith. A hasp 16 is provided with a slot 17, bounded at its upper edge by a shoulder 18 for engaging the beard 15, as indicated more particularly in Fig. 3. The hasp is provided with a neck 19, integral therewith, and is mounted upon a pivot 20 and free to swing relatively to the same. The slideway 8^a is integrally connected with a plate 21, having a lug 21^a integral therewith, this lug being provided with a circular aperture 21^b. The plate 21 is further provided with a lug 21^c, having a keyhole 21^d, as indicated by full lines in Fig. 3 and by dotted lines in Fig. 4. Integrally mounted upon the plate 21 is a boss 21^e, which is closely approached by a recess 21^f in the lower end of the hasp 16, the arrangement preferably being such that the hasp 16 cannot be brought quite into engagement with the plate 21, so that there will at least be a small space between the recess 21^f and the boss 21^e. A horn 21^h is integrally connected with the plate 21 and projects outwardly therefrom and slightly upward, as indicated in Fig. 3. The plate 21 is further provided with a cylindrical boss 21^g, which, together with the bosses 21^a and 21^c, engages the wall 7 directly when the apparatus is in position. Integrally connected with the plate 21 are jaws 22, preferably of the shape indicated in Fig. 5. The plate 21 is provided with screw-holes 23, whereby it may be secured rigidly upon the wall. The plate 21 is also provided with lugs 24, integral therewith, these lugs being engaged by a leaf-spring 25, secured rigidly to a boss 26^a, this boss being integrally mounted upon a sliding bolt 26. This sliding bolt is provided with slots 27 27^a, the slot 27 being comparatively near a slot 28 in the plate 21, as will be understood from Fig. 3. A lug 29 is integrally mounted upon the plate 21 and is engaged by the head 14 of the hasp 16 when the parts are in the position indicated in Fig. 3. This lug 29 acts as a limiting-stop for preventing the head 14 from moving downwardly so as to disengage the beard 15 from the shoulder 18—that is to say, a person grasping the neck 13 or the rim-clamp 12 and pulling the same downwardly is unable to disengage the beard 15 from the shoulder 18, because the boss 29 prevents downward movement of the head 14. It is therefore impossible for a person to disturb the general position of the rim-clamp 10 unless the hasp 16 is first raised, as indicated by dotted lines in Fig. 2. A leaf-spring 30 is mounted upon the sliding bolt 26 by means of a screw 31, the upper end of the spring having a tendency to move toward the bolt 26. The hasp 16 is provided with a locking-head 16^a, having a shoulder 16^b integral therewith, the locking-head 16^a being pressed upon constantly by the leaf-spring 30. A guide-pin 32 is disposed across the slideway 8^a and

is loosely engaged by the sliding bolt 26. A key 33 is provided with a tine 33^a integral therewith and is used for the purpose of unlocking the hasp 16, thereby releasing the head 14. Connected with the jaws 22 and depending therefrom are chains 34, each supporting an umbrella-cup 35, as will be understood from Fig. 1. A garment—such, for instance, as an overcoat—is shown at 36 and provided with a collar 37, having a fillet 38. It may be connected with the device, as indicated by dotted lines in Fig. 2. A hat is shown at 39 in Fig. 2.

My invention is used as follows: When the rim-clamp 10 occupies the position indicated by dotted lines in Fig. 2, the device occupies its normal or unlocked position. If now it is desired to store the hat 39, the same is so disposed that the crown projects through the elliptical rim-clamp 10, as indicated by dotted lines in Fig. 2. If it is desired to hang up the overcoat 36, the fillet 38 is slipped over the horn 21^h. If there are umbrellas to be stored, they are placed in their respective ferrules in the cups 35 and their handles between the jaws 22 and 16^c, the latter being integral with the hasp 16. The neck 13 is now pressed downward and toward the wall 7, so as to force the hasp 16 into the position indicated in Figs. 2 and 3. The head 14 then enters the slot 17 and engages the boss 29. The recess 21^f at the lower end of the hasp grips slightly upon the cloth of the overcoat 36, thus preventing its ready removal. The fillet 38 being unable to pass between the outer end of the horn 21^h and the hasp 16, the coat cannot be removed. The locking-head 16^a being rounded and provided with a shoulder 16^b forces the bolt 26 upward, and the same immediately springs into position behind the shoulder 16^b in the same manner as a spring-lock. This secures the hasp rigidly in position, and it cannot be moved to unlock it. In order to release the hasp, and consequently to release the rim-clamp 10, the key 33 is employed. This key is inserted through the keyhole 21^d and then turned around, as indicated in Fig. 4, so that the tine 33^a may be brought into engagement with the lower right-hand portion of the sliding bolt 26. The tine 33^a is unable to engage any other part of the bolt 26 because of the presence of the lug 21^a. The key being brought into the position indicated in Fig. 4 is pressed vertically upward, the bolt 26 being raised, and thus caused to disengage the shoulder 16^b. The hasp 16 being thus released and being acted upon by the tension of the leaf-spring 30 swings angularly outward, so that the hat may be removed from the rim-clamp 10. The same movement releases the umbrellas and also the coat 36.

Piracy of the articles is prevented by the fact that only a key of the type shown can be used to move the sliding plate or bolt 26 from its position, as indicated in Fig. 4.

I do not limit myself to the elliptical form for the rim-clamp nor to the exact construction of any or all of the parts shown. Neither do I limit myself to the use of the device for securing articles of the particular kind mentioned, as various modifications of my invention will readily suggest themselves to persons skilled in the art without departing from the spirit of my invention.

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

1. The combination of a frame provided with a lug, a hasp movable relatively to said frame and provided with a slot, a rim-clamp movable relatively to said hasp and provided with a head adapted to pass through said slot and to engage said lug, said head being provided with a beard to prevent the removal of said head from said slot, and means controllable at will for locking said hasp, thereby temporarily preventing movement of said rim-clamp.

2. The combination of a frame provided with a member for supporting a garment, a hasp mounted upon said frame and provided with a slot, a rim-clamp pivoted upon said frame and adapted to swing relatively thereto, said rim-clamp being provided with a bearded member adapted to pass through said slot, jaws mounted upon said frame and upon said hasp for engaging an umbrella, and means for locking said hasp in a predetermined position relatively to said frame.

3. The combination of a frame, a member connected therewith for supporting a garment, a rim-clamp connected with said frame and movable relatively thereto for clamping hats thereupon, a hasp mounted upon said frame and movable relatively thereto, said hasp being adapted to secure said movable member in a predetermined relative position, jaws connected with said hasp and said frame respectively for clamping an umbrella, and locking mechanism for temporarily securing said hasp in a predetermined position relatively to said frame.

4. The combination of a frame provided with a lug, a member connected therewith for supporting a coat or the like, a rim-clamp movable relatively to said frame for securing hats thereupon and provided with a portion for engaging said lug, a hasp mounted upon said frame and movable relatively thereto, said hasp being adapted to secure said movable member in rigid engagement with said lug, a spring for normally throwing said hasp into a certain predetermined position, and locking mechanism for temporarily securing said hasp in a predetermined position relatively to said frame.

5. The combination of a frame, a rim-clamp movable relatively thereto, a hasp mounted upon said frame and adapted to secure said rim-clamp in a predetermined relative position, locking mechanism for temporarily se-

curing said hasp in a predetermined position relatively to said frame, and means for preventing movements between said rim-clamp and said frame other than the swinging movement of said rim-clamp.

6. The combination of a frame, a clamping member for securing a hat, a jaw adapted to engage an umbrella, a hasp movable toward and from said jaw and provided with a second jaw mating the same, and means for locking said hasp in a predetermined position relatively to said frame.

7. The combination of a frame provided with a member for supporting a fillet of a garment, and also provided with a boss, a hasp movable relatively to said frame and adapted to engage and disengage said member, said hasp being provided with a recess mating said boss, and means for locking said hasp in a position in which it engages said member and in which said recess is immediately adjacent to said boss so as to clasp said garment.

8. The combination of a frame provided with jaws a hasp mounted upon said frame and movable relatively thereto, said hasp being likewise provided with jaws mating those of said frame, a rim-clamp pivoted upon said frame and provided with a bearded portion to be engaged by said hasp, a member mounted upon said frame for supporting a fillet of a coat or the like, said member being adapted to be engaged by said hasp, chains connected with said frame and depending therefrom, cups mounted upon said chains, and locking mechanism for securing said hasp rigidly in a predetermined position.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ABRAHAM ABELSON.

Witnesses:
WALTON HARRISON,
ALEXANDER LEVENE.