

No. 805,511.

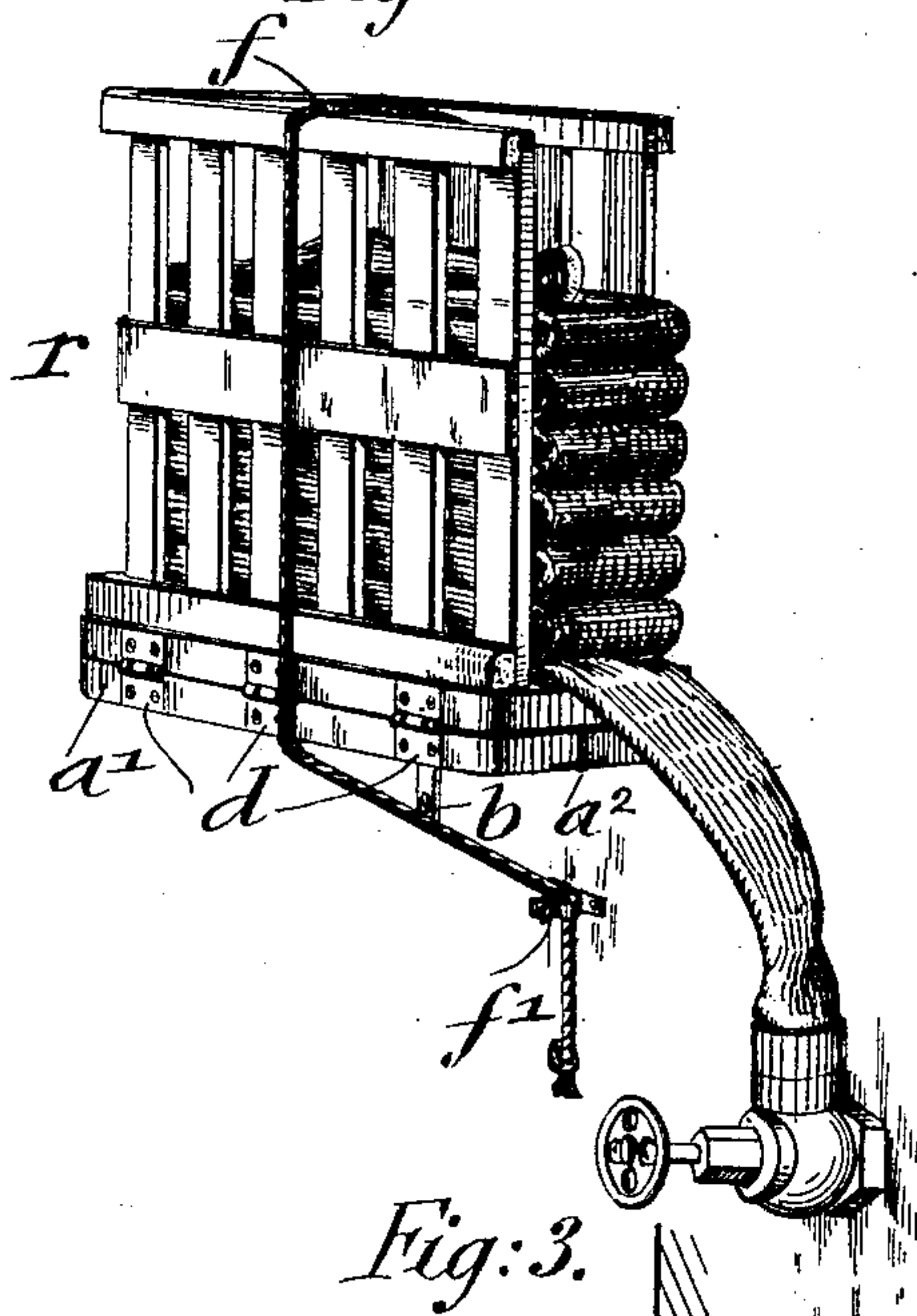
PATENTED NOV. 28, 1905.

T. F. ADAMS.

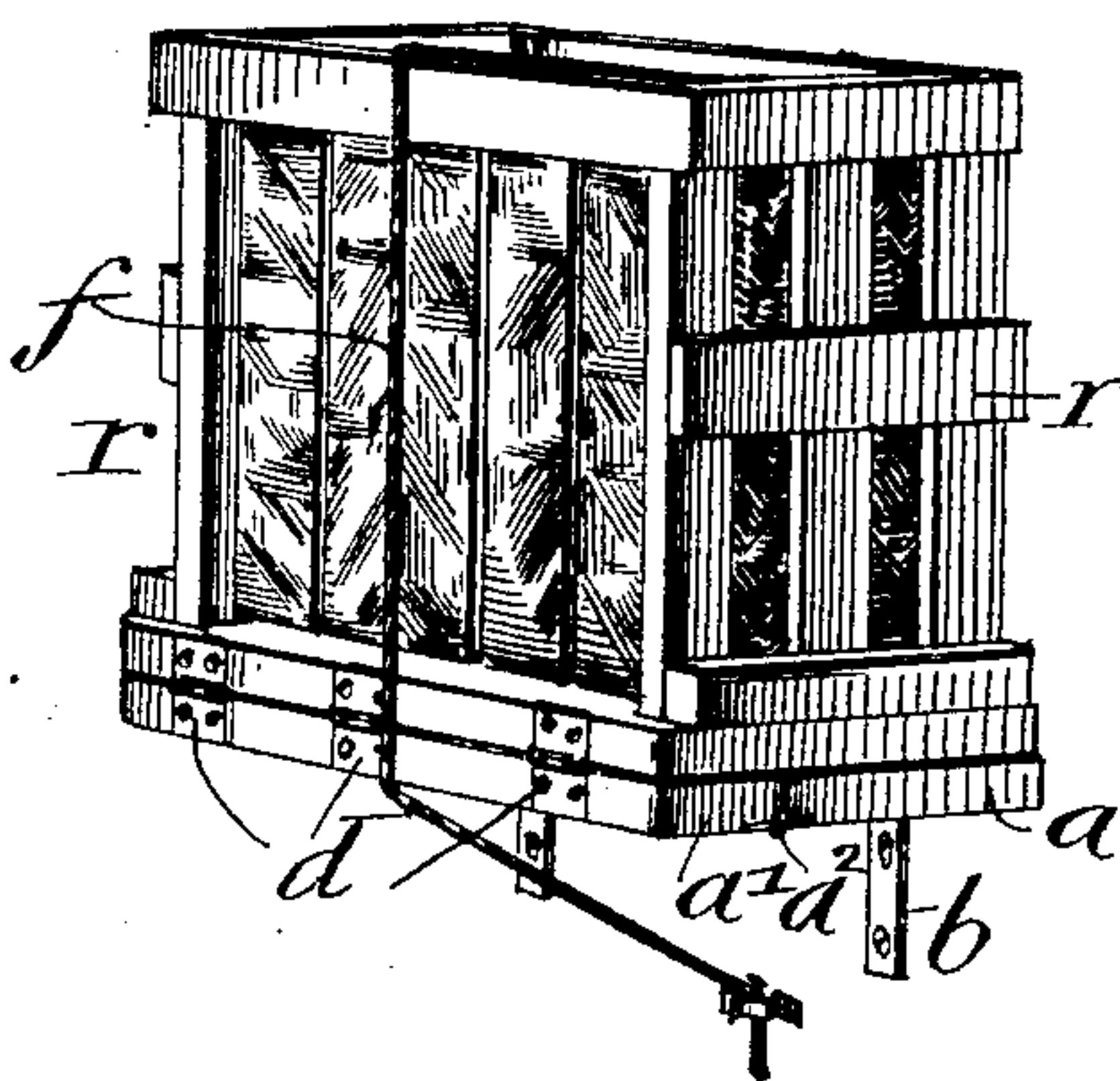
DEVICE FOR SUPPORTING FIRE HOSE, LIFE PRESERVERS, &c.

APPLICATION FILED JAN. 12, 1905.

*Fig:1.*



*Fig: 2.*



*Fig:3.*

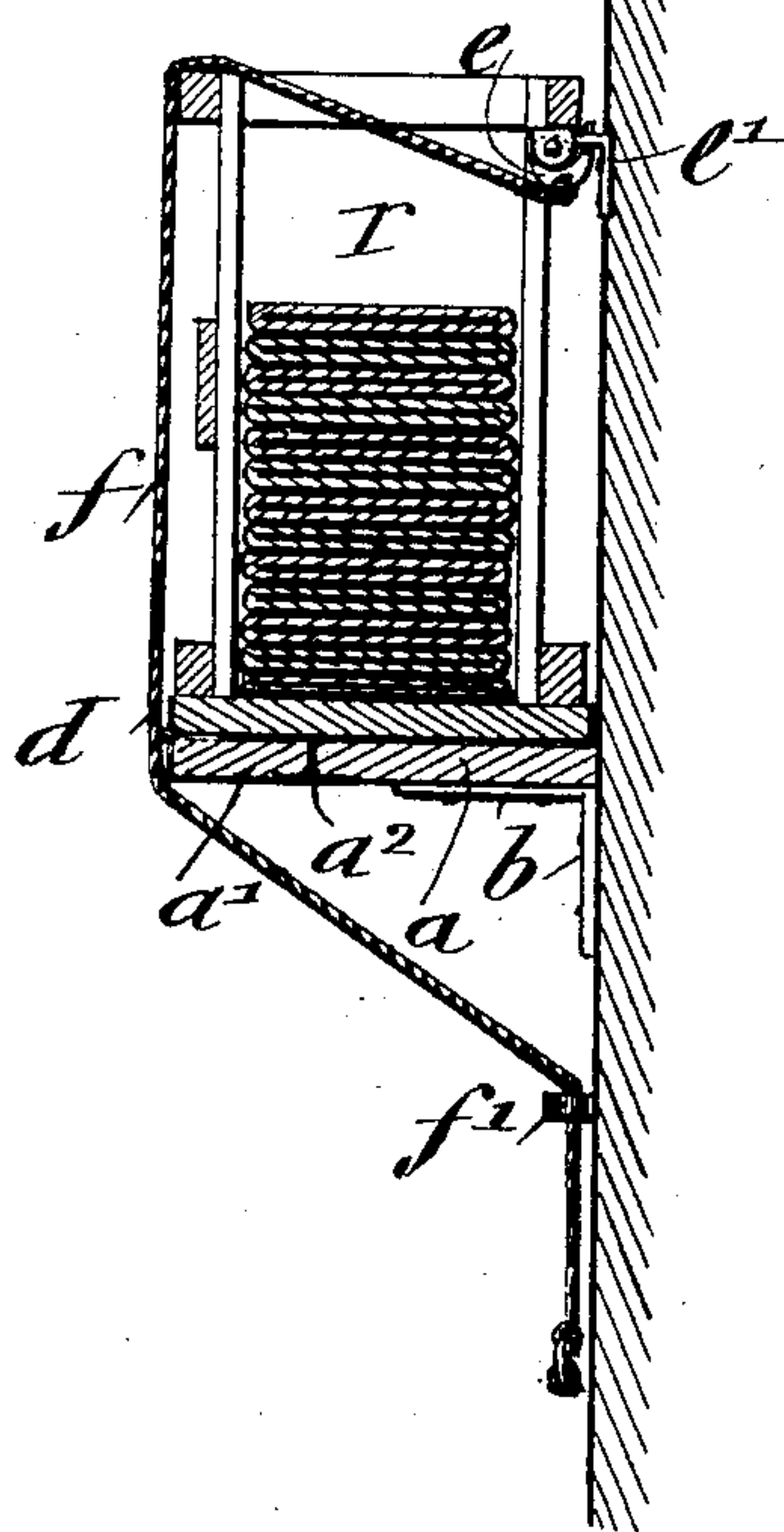
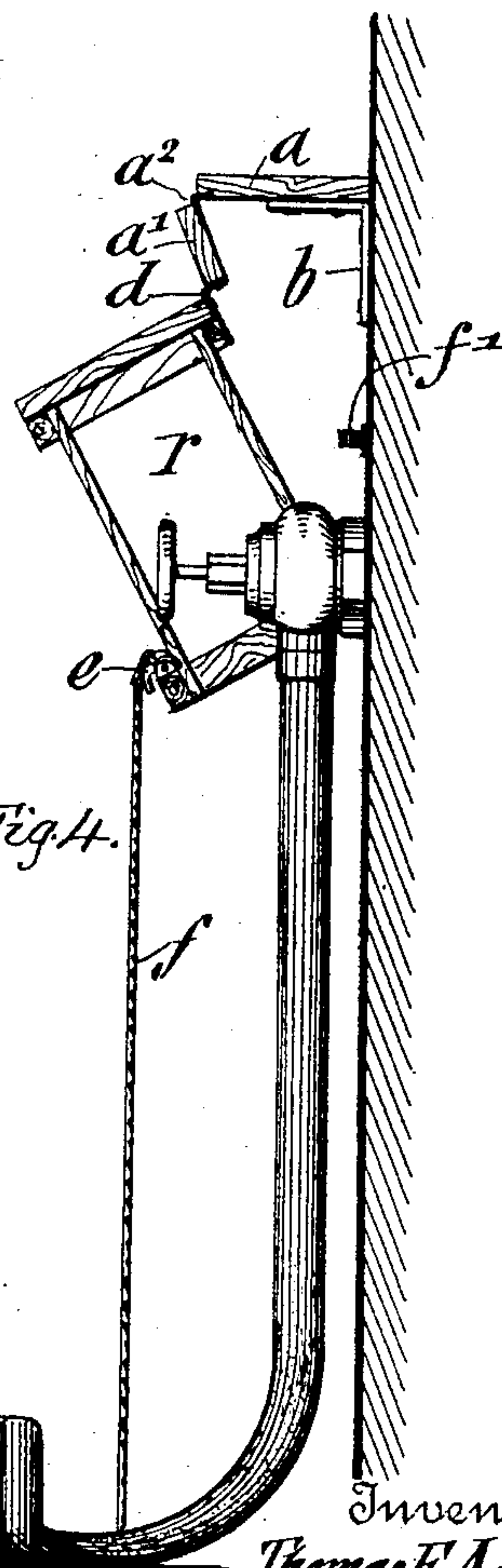


Fig. 4.



Witnesses  
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By his Attorney,

Yours truly



# UNITED STATES PATENT OFFICE.

THOMAS F. ADAMS, OF NEW YORK, N. Y.

## DEVICE FOR SUPPORTING FIRE-HOSE, LIFE-PRESERVERS, &c.

No. 805,511.

Specification of Letters Patent.

Patented Nov. 28, 1905.

Application filed January 12, 1905. Serial No. 240,761.

*To all whom it may concern:*

Be it known that I, THOMAS F. ADAMS, a citizen of the United States, residing in New York, borough of the Bronx, in the State of New York, have invented certain new and useful Improvements in Devices for Supporting Fire-Hose, Life-Preservers, &c., of which the following is a specification.

This invention relates to an improved device for supporting fire-hose, life-preservers, safety-ropes, and other life-saving apparatus in vessels, hotels, schools, and other public buildings, &c., in such a manner that the articles supported can be instantly delivered whenever required for use without any loss of time in unwinding from a reel or pulling them from the shelves on which at present they are usually supported, as the case may be, so that the least possible time is lost in rendering them ready for the use for which they are designed; and for this purpose the invention consists in the novel features and combinations of parts, to be hereinafter described and claimed.

In the accompanying drawings, illustrative of one form of the invention, Figure 1 is a perspective view of my improved device for supporting fire-hose, life-preservers, and other life-saving apparatus, showing the same in position on the wall of the vessel or building and arranged for holding a fire-hose. Fig. 2 is a like perspective view showing the device supporting a number of life-preservers. Fig. 3 is a vertical transverse section, drawn on a larger scale, on line 3-3, Fig. 1; and Fig. 4 is a vertical transverse section showing the rack in tilted position for delivering the article supported therein.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, *a* denotes a shelf, which is attached by suitable brackets *b* to the wall of a vessel or building, said shelf being made of sufficient size so as to provide either for a folded fire-hose and the nozzle of the same or for a number of life-preservers or other life-saving apparatus. On the shelf *a* is supported a rack *r*, which is preferably composed of a solid bottom and of front, rear, and end walls formed of upright and cross slats, as shown in Figs. 1 and 2. The bottom of the rack *r* is of greater width than the shelf *a* and is applied by hinges *d* to an intermediate shelf-section *a'*, which is again connected by hinges *a''*, permitting the downward movement thereof, with the front edges

of the shelf, the shelf and its hinged front section being together when in line with each other equal in width with the bottom of the rack. The hinged intermediate shelf-section is preferably about equal in size to one-third of the shelf *a* and serves for the purpose of facilitating the tilting of the rack whenever this is desired for delivering the fire-hose, life-preservers, or other articles stored in the same.

The slatted rear wall of the rack is connected by a locking device with the wall of the vessel or building, said locking device consisting of a spring-catch *e*, attached to the rear wall of the rack, which catch engages with a keeper *e'* on the wall of the vessel or building when the rack is supported in normal position on the shelf, the spring-catch engaging then automatically with the keeper, so as to hold the rack in position. To an eye on the spring-catch is attached a cord or line *f*, that extends over the upper edge of the front wall of the rack, then in downward direction along the same, and then onto a spring-catch *f'* on the wall of the vessel or building, where the releasing-cord is retained in a convenient position, as shown in Figs. 1 and 3, so as to be prevented from dangling below the rack.

Whenever the fire-hose, life-preservers, or other appliances in the rack are required for use, the cord *f* is released from the catch *f'* and pulled so that the catch *e* is released, the tilting of the rack, with its contents, being then produced by the forward pull on the cord, which exerts a tilting motion on the rack. This tilting motion is accelerated by the hinged shelf-section, by which the center of gravity of the rack and its contents is moved forward, so that the tilting of the rack is quickly and easily accomplished. The rack then assumes the completely-inverted position (shown in Fig. 4) and delivers its contents on the floor of the vessel or building, so that in case of a fire-hose it can readily be stretched out to full length for use, or in case of life-preservers they can be picked up for being applied to the body. When the fire-hose or other life-saving apparatus is not required for use, it is replaced in the rack and the same lifted up on the shelf and the cord replaced in position in its spring-catch below the rack, so that the parts are all restored to their initial position ready for use whenever required.

The rack employed can be made of wood or metal. It is supported on the shelf at suffi-



cient height so as to prevent meddling with the same, while it is instantly delivered when the articles contained therein are required for use by releasing the locking device and tilting the rack by the release-cord, so that the contents are quickly dropped on the floor or deck of the vessel or floor of the building. When the device is used for supporting life-preservers and attached to the exposed portion of the vessel, it is preferable to protect the same and its contents against sun and rain by an apron or awning. Owing to the instant delivery of the life-saving articles supported in the rack, no time is lost in getting hold of the fire-hose, life-preservers, or other appliances, so that in case of fire or accident, when quick action is required, the said appliances are immediately ready for use, while the inspection of these life-saving appliances and of the proper working of the device can readily be made.

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

1. The combination, with wall or other support, of a shelf supported thereon, a shelf-section hinged to said shelf, a rack hinged to said shelf-section and supported on said shelf, and means for dumping said rack from the latter.

2. A device such as described comprising a stationary shelf, a shelf-section hinged thereto, and a rack hinged to said shelf-section and adapted to extend over the same and be supported on said shelf.

3. A device such as described comprising a stationary shelf, a shelf-section hinged to the front edge thereof and capable of downward movement, and a rack hinged to the front edge of said shelf-section and of greater width than said shelf-section.

4. The combination, with a wall or other support, of a shelf supported thereon, a shelf-

section hinged to said shelf and capable of downward movement, and a rack hinged to said shelf-section and adapted to be supported on said shelf.

5. The combination, with a wall or other support, of a shelf attached thereto, a shelf-section hinged for downward movement at the front edge of said shelf, a rack hinged to said shelf-section and adapted to be supported on said shelf, and means for dumping said rack from the latter.

6. The combination, with a wall or other support, of a shelf attached thereto, a shelf-section hinged to said shelf and capable of downward movement, and a rack hinged to the front edge of said shelf-section and adapted to be supported on said shelf.

7. A device such as described comprising in its construction a stationary shelf, a shelf-section hinged to the front edge thereof and capable of downward movement, and a rack hinged to the front edge of said shelf-section, said rack being of greater width than said shelf-section and adapted to extend over the same and be supported on said shelf.

8. In combination, a wall or other support, a shelf supported thereon, a shelf-section hinged to the front edge of said shelf and capable of downward movement, a rack hinged to the front edge of said shelf-section and of greater width than said section, means for locking said rack to said wall or other support, and means for releasing said locking means and dumping said rack from said shelf.

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

THOS. F. ADAMS.

Witnesses:

PAUL GOEPEL,

HENRY J. SUHRBIER.