

No. 749,432.

PATENTED JAN. 12, 1904.

B. VOM EIGEN.
BAG FRAME HANDLE.
APPLICATION FILED AUG. 17, 1903.

NO MODEL.

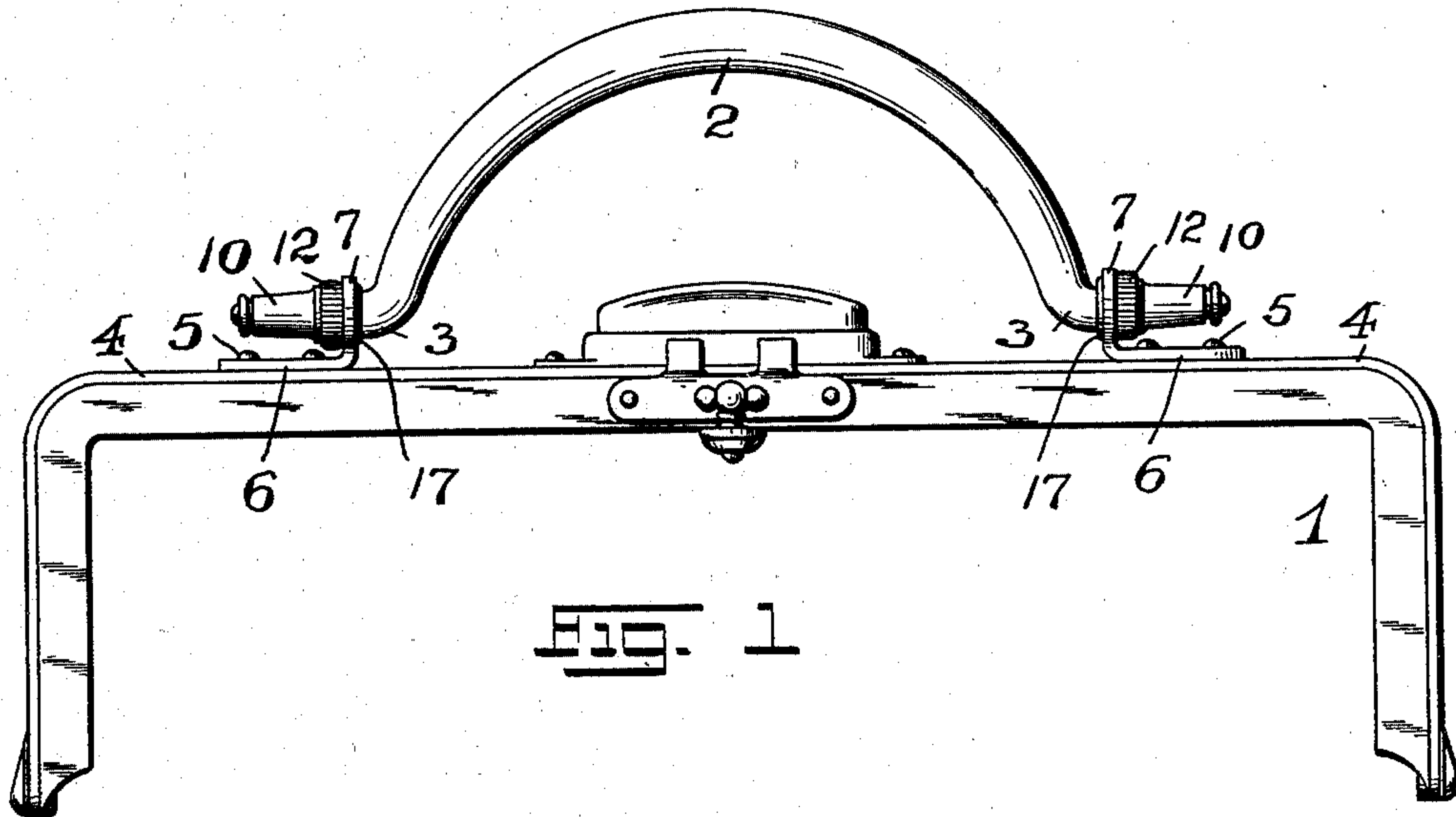


FIG. 2

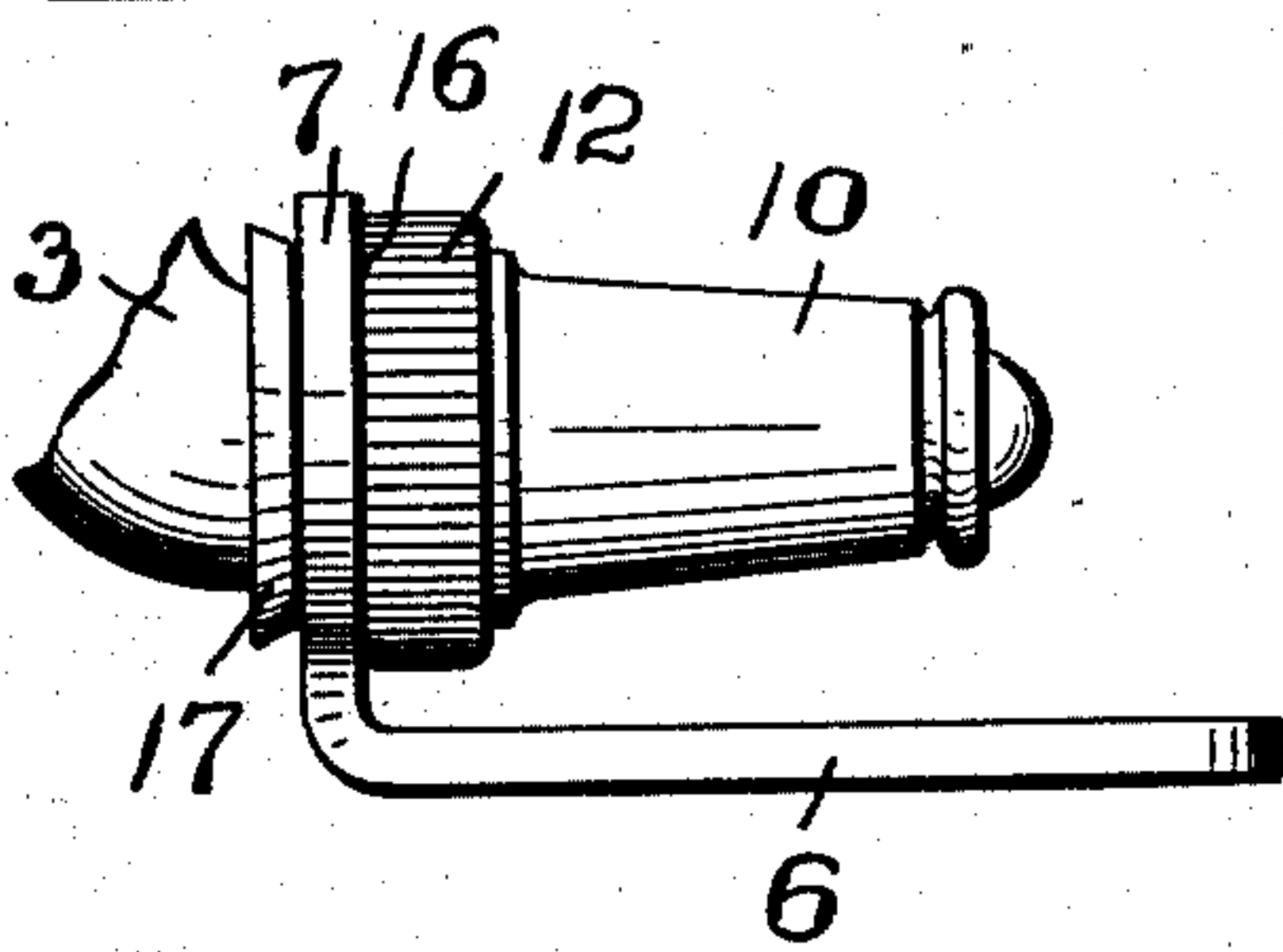
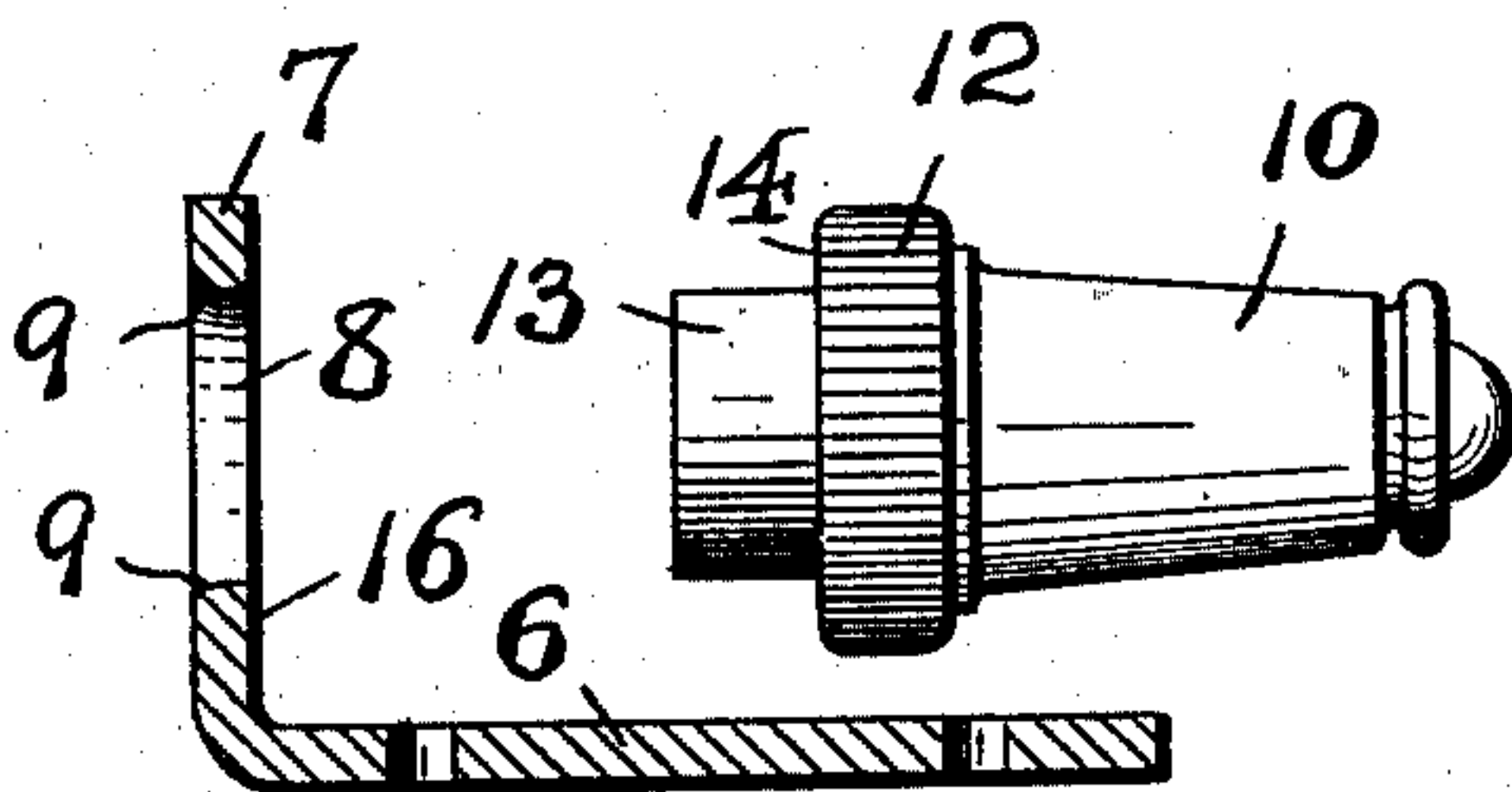
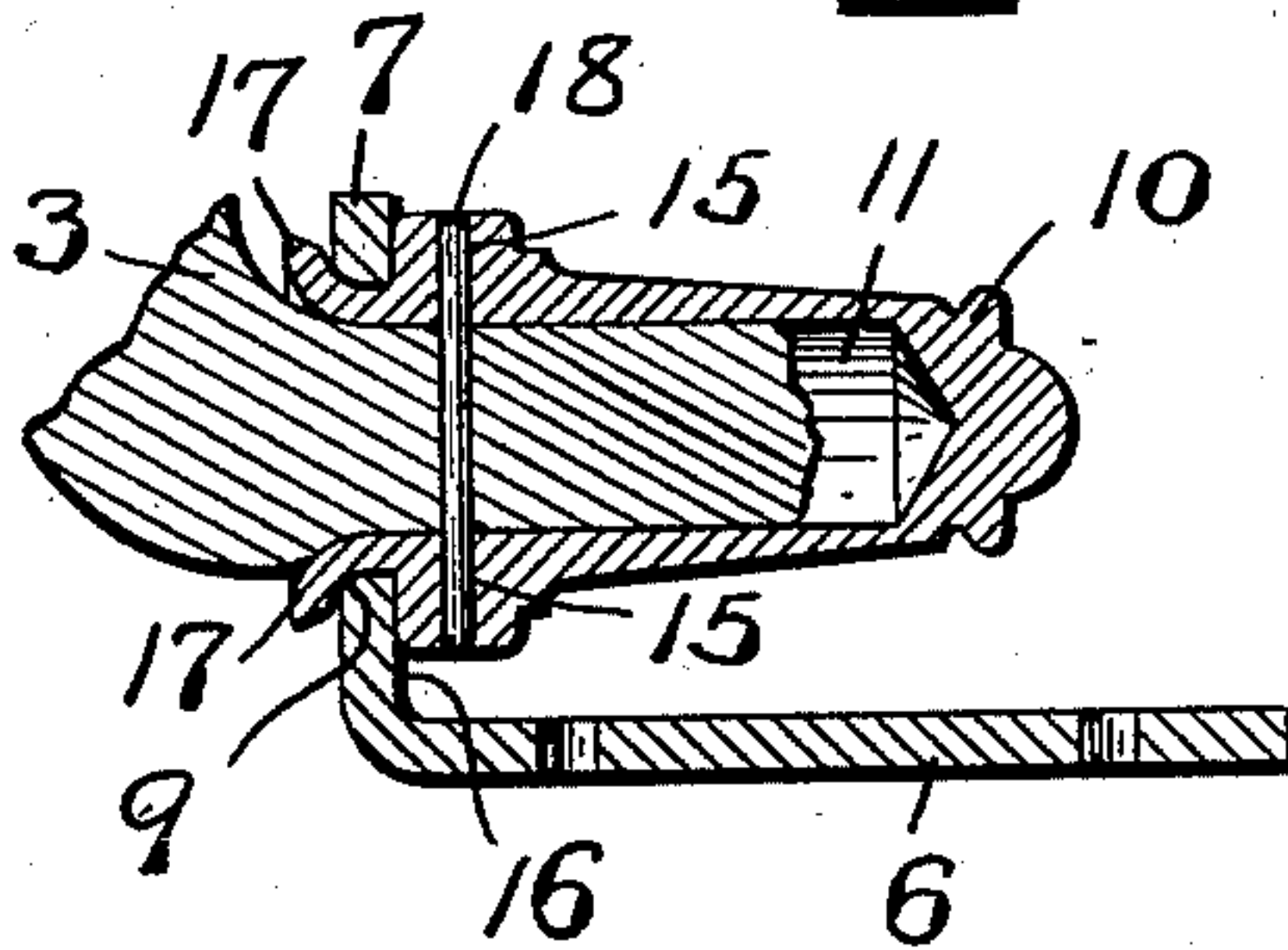


FIG. 3



WITNESSES:

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FIG. 4

INVENTOR:

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UNITED STATES PATENT OFFICE.

BENNO VOM EIGEN, OF NEWARK, NEW JERSEY, ASSIGNOR TO AUG. GOERTZ & CO., OF NEWARK, NEW JERSEY, A FIRM.

BAG-FRAME HANDLE.

SPECIFICATION forming part of Letters Patent No. 749,432, dated January 12, 1904.

Application filed August 17, 1903. Serial No. 169,700. (No model.)

To all whom it may concern:

Be it known that I, BENNO VOM EIGEN, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Bag-Frame Handles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to characters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in handles for the frames of bags and attachments therefor; and the invention has for its primary object to provide a simple, cheap, and neat, as well as operative, attachment for pivotally connecting the ends of a handle, whether made solid when cast in metal or whether flexible, to the supporting-posts with which the frame is provided, the purposes being to journal the said ends of the handle by means of thimbles in the bearings of the said posts, whereby the frictional wear upon the ends of the handle, as heretofore, is entirely removed from said ends and applied directly upon the thimbles or caps. By my novel means of securing these parts in their oscillating relation within the bearings of the said posts a positive and comparatively frictionless connection is the result, which is of great advantage, especially with flexible bag-frame handles, so as to permit such handles to operate in precisely the same manner as the solid metal handles now ordinarily used, and whereby the handles are practical with the finer grades and more expensive class of goods.

My invention consists, therefore, in the novel arrangements and combinations of the parts hereinafter more fully described and then finally embodied in the clauses of the claim.

The invention is clearly illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of one form of bag-frame and handle connected therewith by means of the bag-handle attachment embodying the principles of my present invention. Fig. 2 is an enlarged side view of a post and its bearing in its detached position from the

bag-frame, illustrating, in connection therewith, a portion of a handle and handle attachment in its operative position in the bearing of said post. Fig. 3 is a longitudinal vertical section of the said parts, and Fig. 4 is a longitudinal vertical section of the said post and its bearing and side elevation of the thimble or cap in its detached relation with the bearing of the said post before the said thimble or cap is operatively secured in said bearing by means of a marginal bead or turned-over edge.

Similar characters of reference are employed in all of the above-described views to indicate the corresponding parts.

Referring now to the said drawings, the reference character 1 indicates any suitable construction of bag-frame. 2 is the handle, which may be made solid, either of metal or wood, or may be of a flexible material, as leather or the like, and 3 indicates the end portions of the handle. Suitably secured upon the upper edge of one of the frame-sections, as 4, of the said bag-frame, by means of pins or rivets or any other suitable fastening means, are the plates 6. Each plate is provided with an upwardly-extending post 7, having an opening 8, forming a bearing, and said opening 8 being preferably chamfered or rounded off, as at 9 and as clearly indicated in Figs. 3 and 4.

Each end portion 3 of the handle 1 extends into the tubular receiving portion 11 of a thimble or cap 10, of any desired ornamentation, each cap or thimble being made with an enlarged annular portion or member 12 and a reduced cylindrical member or throat 13, these members 12 and 13 providing an annular shoulder 14, substantially as illustrated. Each thimble or cap 10 is also made in its enlarged annular portion or member 12 with a pair of oppositely-placed perforations 15. In practice the manufacturer of the bag-frame inserts the said reduced cylindrical member or throat 13 into the bearing-opening 8 of each post 7 so that the shoulder 14 rests lightly against the surface 16 of the post 7, and an annular bead or projection 17 is then formed upon the marginal edge of the said cylindrical member or throat 13, as illustrated, and whereby the said thimble or cap is rotatively arranged in

the bearing of the post 7, as will be clearly understood. After each end portion 3 of the handle 1 has been arranged in the receiving socket or portion 11 of the respective thimble 5 or cap a pin or rivet 18 is driven through the perforations 15 and the inserted end portion 3 of the handle 1, as clearly illustrated in said Fig. 3 of the drawings, whereby the attachment and handle portion are operatively connected, the cylindrical member or throat 13 oscillating freely in the bearing portion of the post 7, and all undue wear due to friction is removed from the end portions of the handle, thereby providing a neat and more freely operating connection and an attachment, the parts of which are more quickly and easily assembled at a reduced cost to the manufacturer.

I am aware that some changes may be made in the details of the construction, as well as in the combinations of the parts, without departing from the scope of my present invention. Hence I do not limit my invention to the exact arrangements and combinations of the parts as described in the foregoing specification and as illustrated in the accompanying drawings, nor do I confine myself to the exact details of the construction of the said parts.

Having thus described my invention, what I claim is—

30 1. The combination, with a bag-handle, of a plate and an upwardly-extending post, said post having an opening forming a bearing, and said opening being provided with an annular chamfered portion, means for securing
35 said plate to a bag-frame section, a thimble having an enlarged annular part forming a shoulder, and a reduced cylindrical member rotatively arranged in said bearing, a marginal bead on the free end of said cylindrical
40 member of the thimble, said bead being rotatively fitted within the annular chamfered portion of the bearing of said post, and the enlarged part of said thimble being arranged against the opposite side of said post to prevent the withdrawal of said thimble from said
45 bearing, said thimble being provided with a receiving portion in which the end portion of the handle is arranged, substantially as and for the purposes set forth.

50 2. The combination, with a bag-handle, of a plate and an upwardly-extending post, said post having an opening forming a bearing, and said opening being provided with an annular chamfered portion, means for securing

said plate to a bag-frame section, a thimble 55 having an enlarged annular part forming a shoulder, the said annular part being provided with perforations, and a reduced cylindrical member rotatively arranged in said bearing, a marginal bead on the free end of said cylindrical member of the thimble, said bead being rotatively fitted within the annular chamfered portion of the bearing of said post, and the enlarged part of said thimble being arranged against the opposite side of said post 65 to prevent the withdrawal of said thimble from said bearing, said thimble being provided with a receiving portion in which the end portion of the handle is arranged, and a pin secured in the perforations in said enlarged part of the thimble and in the end portion of the handle, substantially as and for the purposes set forth. 70

3. The combination, with a bag-frame section, of a plate and a post integrally connected with said plate at the one end thereof, and extending at right angles from said plate, said post being provided with a bearing, means for securing said plate upon said bag-frame section, a shouldered thimble arranged 80 to oscillate in said bearing, and means for preventing the withdrawal of said thimble from said bearing, substantially as and for the purposes set forth.

4. The combination, with a bag-frame section, of a plate and a post integrally connected with said plate at the one end thereof, and extending at right angles from said plate, said post being provided with a bearing, means for securing said plate upon said bag-frame 90 section, a thimble having an enlarged annular part forming a shoulder, and a reduced cylindrical member rotatively arranged in said bearing, a marginal bead at the free end of said cylindrical member of the thimble, the said annular shoulder and the marginal bead of said thimble being arranged against and oscillating upon the opposite sides of said post, to prevent the withdrawal of said thimble from said bearing, substantially as and for 100 the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this 15th day of August, 1903.

BENNO VOM EIGEN.

Witnesses:

FREDK. C. FRAENTZEL,
GEO. D. RICHARDS.