

No. 658,616.

Patented Sept. 25, 1900.

H. BLOME.
BROOM HOLDER.

(Application filed Mar. 8, 1900.)

(No Model.)

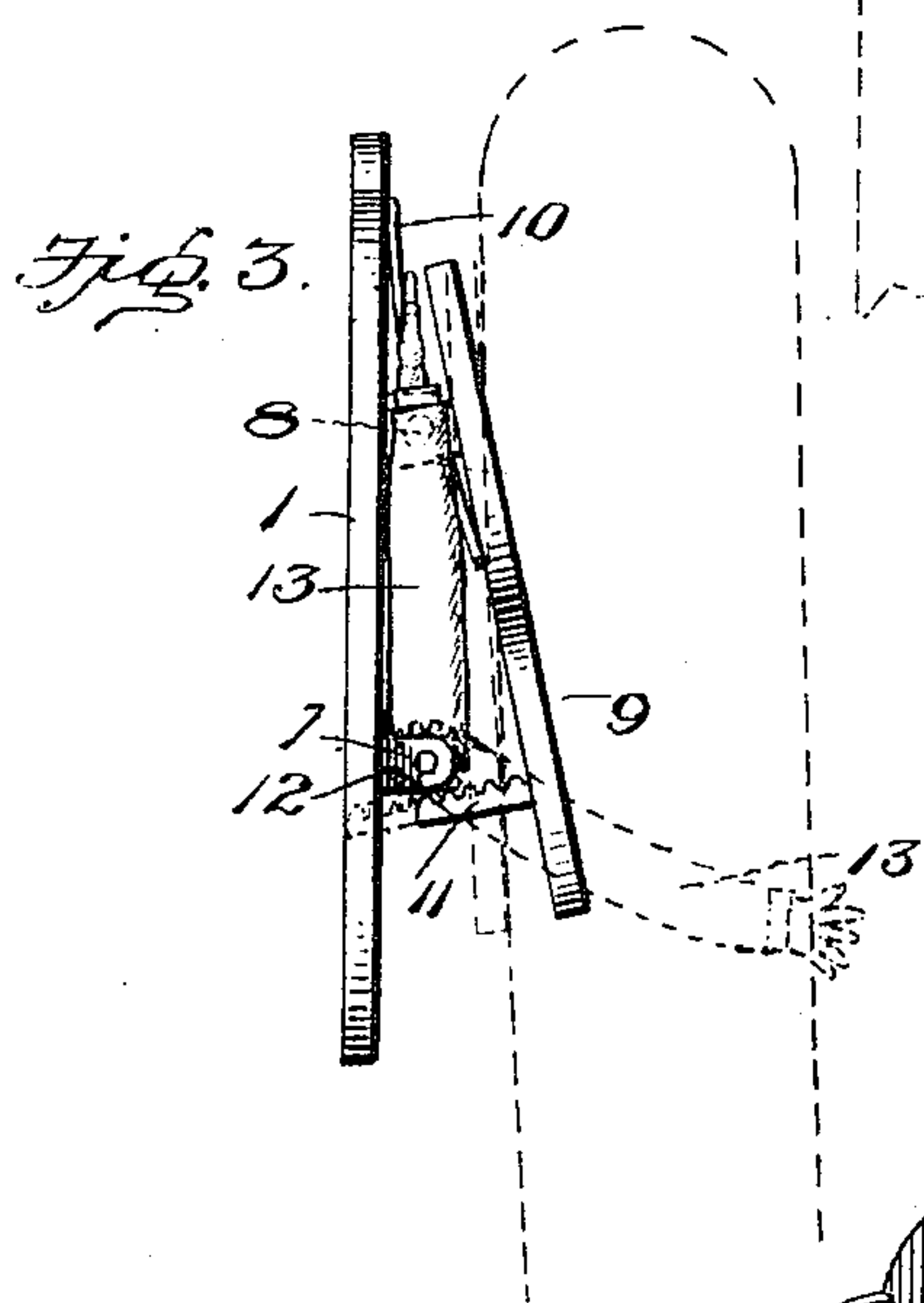
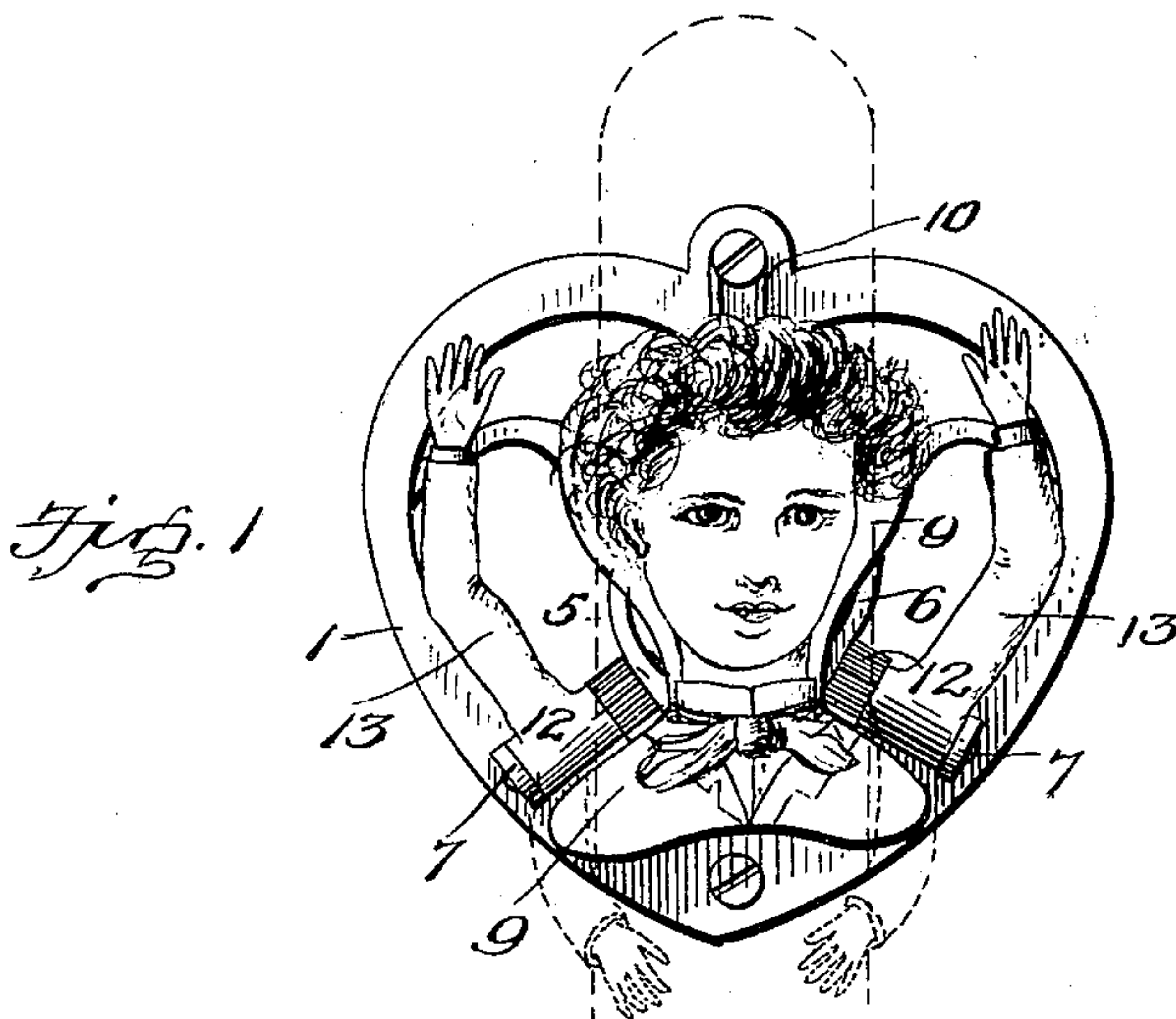


Fig. 2.

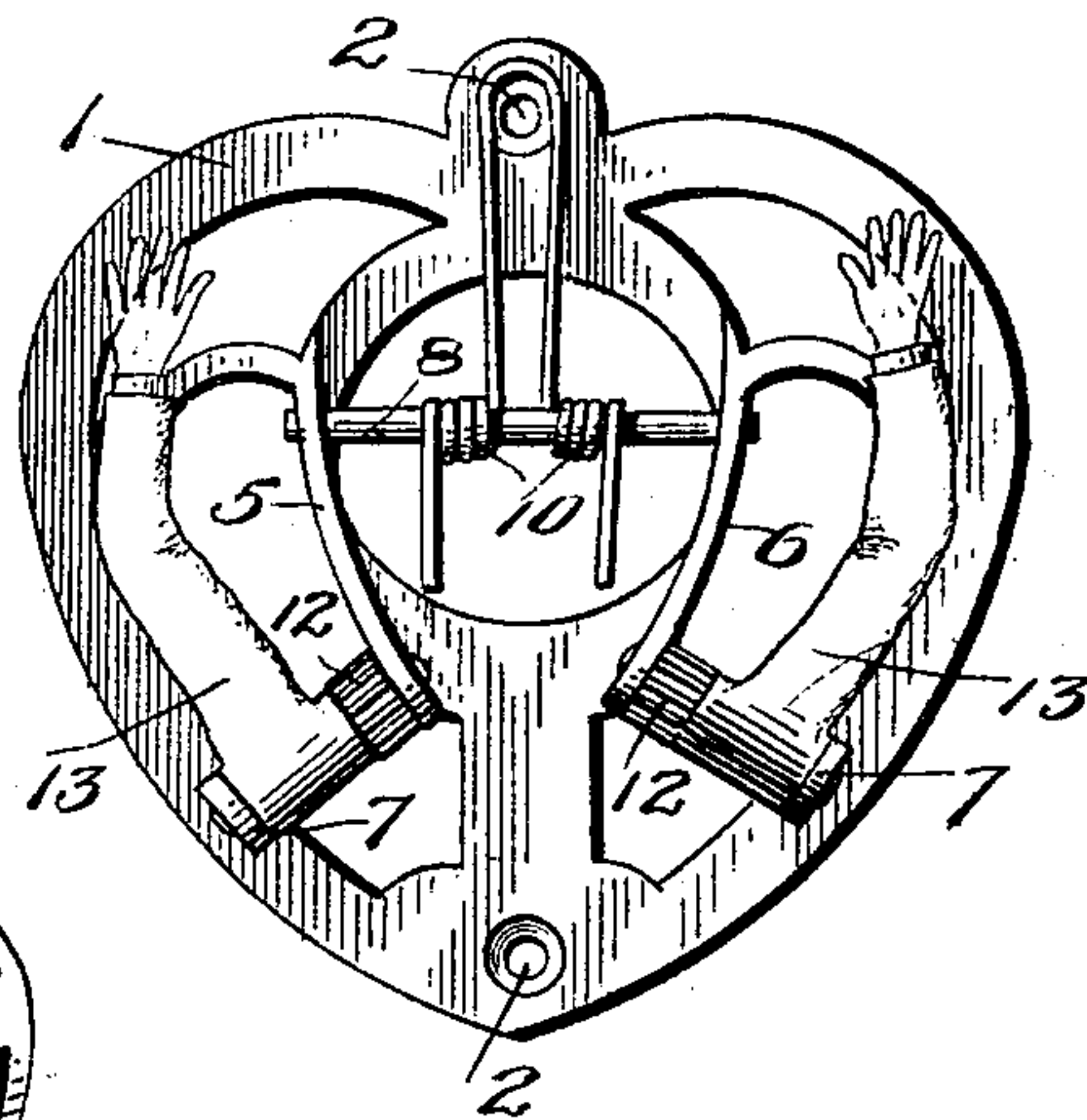
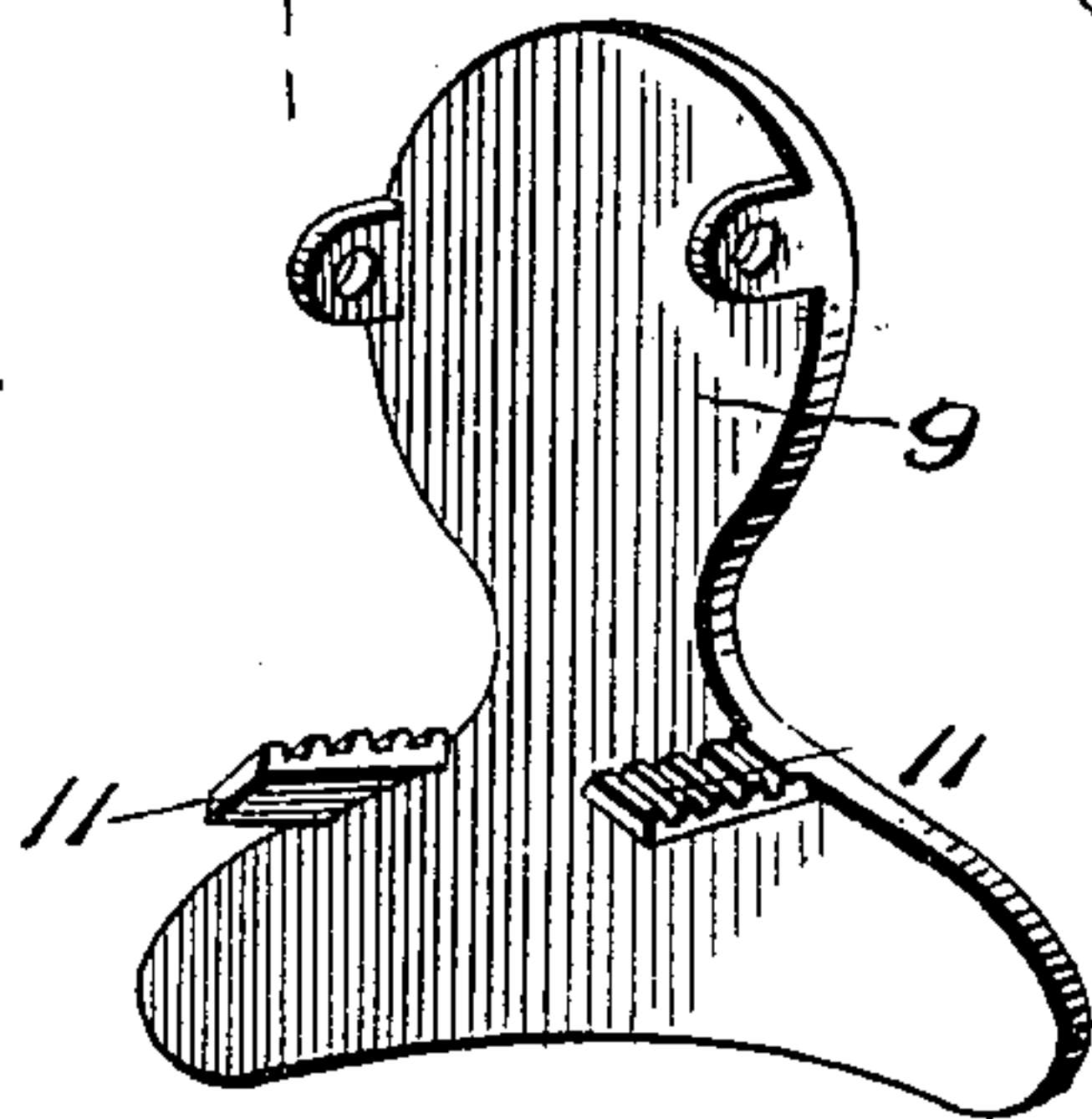


Fig. 4.



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UNITED STATES PATENT OFFICE.

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BROOM-HOLDER.

SPECIFICATION forming part of Letters Patent No. 658,616, dated September 25, 1900.

Application filed March 8, 1900. Serial No. 7,852. (No model.)

To all whom it may concern:

Be it known that I, HERMAN BLOME, a citizen of the United States, residing at McMinnville, in the county of Yamhill and State of Oregon, have invented certain new and useful Improvements in Broom-Holders; and I do 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.

The invention relates to broom-holders.

One object of the invention is to provide a simple, durable, inexpensive, and attractive device of this character by means of which brooms or like articles may be suspended from a wall or other support and which when not in use will be entirely out of the way and not in a position to receive rags, tea-towels, and other articles commonly used about a kitchen, thereby being always ready to receive a broom-handle.

A further object of the invention is to provide a device of this character which will support brooms having handles of different thicknesses.

With these as well as other objects in view the invention consists in certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a front view of my improved broom-holder, showing in full lines the position the parts assume when not in use and in dotted lines the position the parts assume when the device is in use, a broom-handle also being shown in dotted lines. Fig. 2 is a similar view with the hinge-plate removed. Fig. 3 is an edge view. Fig. 4 is a detail perspective view of the hinge-plate.

In the drawings the same reference characters indicate the same parts of the invention.

1 denotes the base or supporting plate, which may be made of any suitable material and of any suitable shape, configuration, or ornamentation, but preferably in the shape of a heart, and provided with holes 2, by means of which it may be secured to a wall or other support. This plate has upon its forward side flanges 5 and 6 and bearing-studs 7. To the flanges 5 and 6 is pivoted by a pin 8 a

plate 9, which may be of any suitable construction, shape, or configuration, but preferably representing the head and bust of a woman. The lower end of the plate is held normally outwardly by a spring 10.

11 denotes curved rack-bars, which project rearwardly from the plate and are adapted to engage pinions 12, secured to clamping-arms 13. These arms are journaled in the bearings 7, each set of which, as shown, is arranged diagonally to a vertical line drawn through the base-plate, and when the arms are swung downward they will at the same time be swung toward each other, thereby enabling broom-handles of different thicknesses to be grasped and held.

The operation is as follows: When the device is in the position shown in full lines in Fig. 1, a broom-handle is inserted against the lower end of the hinge-plate, and said lower end moves inwardly, and its racks 11 in their inward movement rotate the pinions 12 and throw the arms down into engagement with the broom. It is of course understood that the weight of the broom will be greater than the strength of the spring, so that when the arms are swung down and around the broom-handle they will securely hold the broom in position. When the broom is removed, by first lifting it slightly upwardly the arms are disengaged from the broom-handle and swing upwardly in the position shown in Figs. 1 and 3 and are out of the way, so that no projections are formed upon which may be hung tea-towels and other kitchen articles. Hence the device is always in position for use.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of my improved broom-holder will be readily apparent without requiring an extended explanation. It will be seen that the device is simple of construction, that said construction permits of its manufacture at small cost, and that it is exceedingly well adapted for the purpose for which it is designed.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described the invention, what

is claimed, and desired to be secured by Letters Patent, is—

1. The combination with the base-plate; of a hinge-plate provided with segmental racks, and clamping-arms provided with pinions to be engaged by said racks whereby the depression of the hinge-plate will actuate the clamping-arms, substantially as and for the purpose set forth.
2. The combination with the base-plate; of a hinge-plate and clamping-arms pivoted upon oblique axes, and a connection between the hinge-plate and the clamping-arms whereby when the hinge-plate is moved the clamping-arms will be swung into engagement with the article to be supported, substantially as and for the purpose set forth.
3. The combination with the base-plate; of a spring-actuated hinge-plate and clamping-arms, and a connection between the hinge-plate and the clamping-arms whereby when

the hinge-plate is moved the clamping-arms will be swung into engagement with the article to be supported, substantially as and for the purpose set forth.

4. The combination with the base-plate; of a spring-actuated hinge-plate and clamping-arms pivoted upon oblique axes, and a connection between the hinge-plate and the clamping-arms whereby when the hinge-plate is moved the clamping-arms will be swung into engagement with the article to be supported, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

HERMAN BLOME.

Witnesses:

CHARLIE BLOME,
C. W. TALMAGE.