No. 843,048. PATENTED FEB. 5, 1907.

H. G. VOIGHT.

LOCK AND LATCH.

APPLICATION FILED OCT. 4, 1906.

Fig. 1.

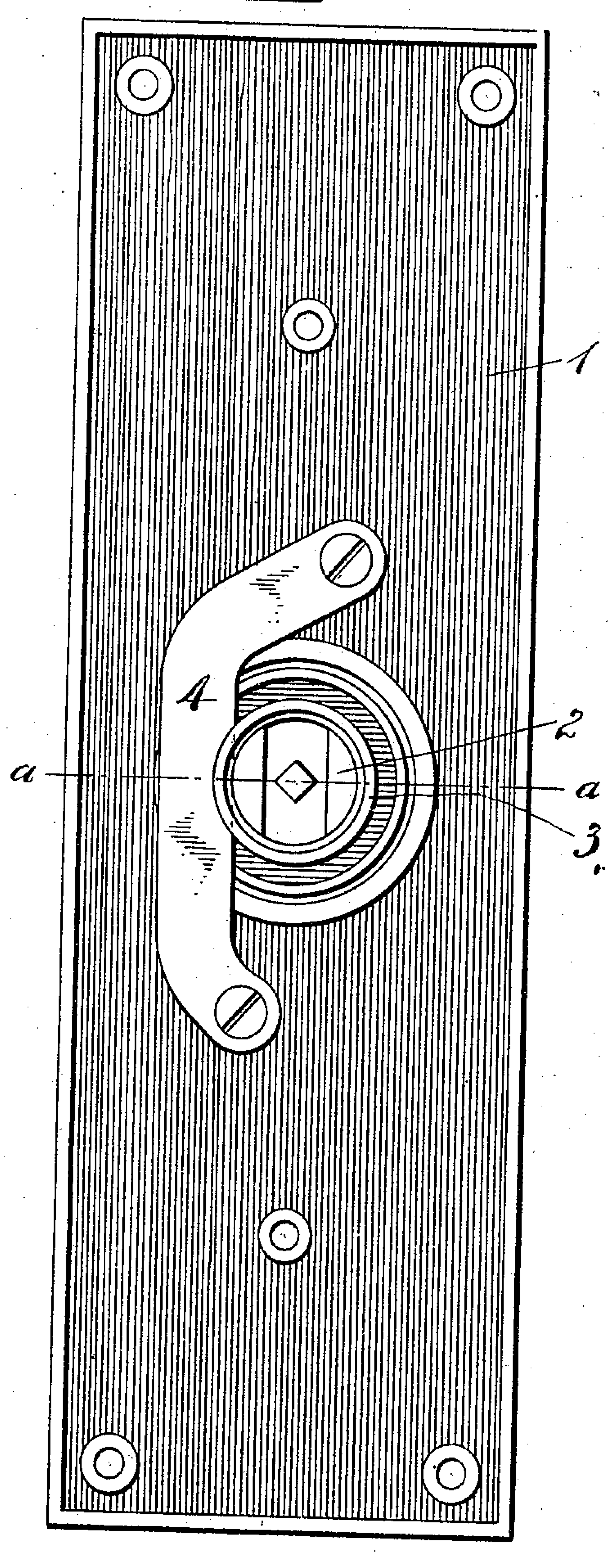


Fig. 2.

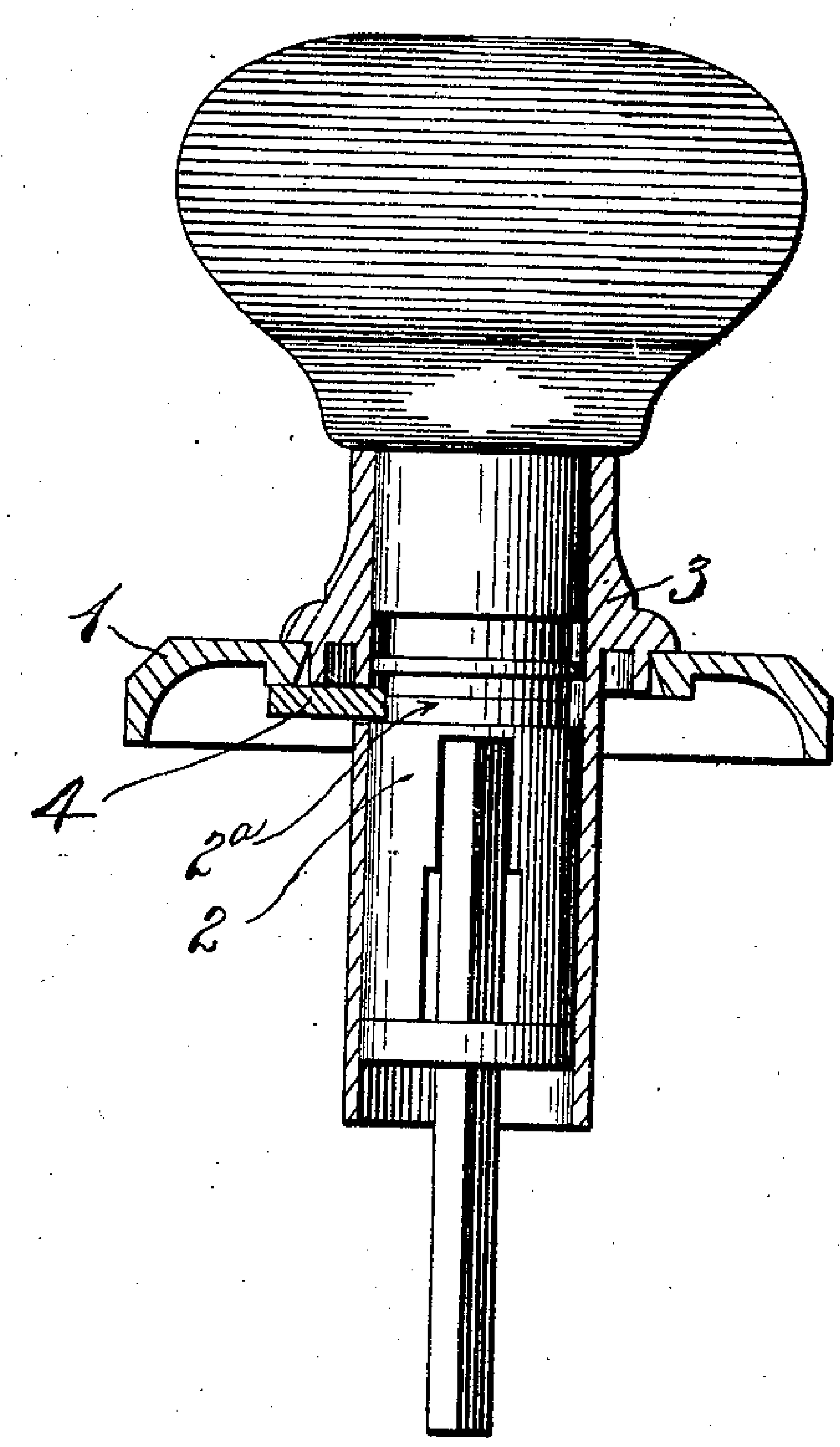
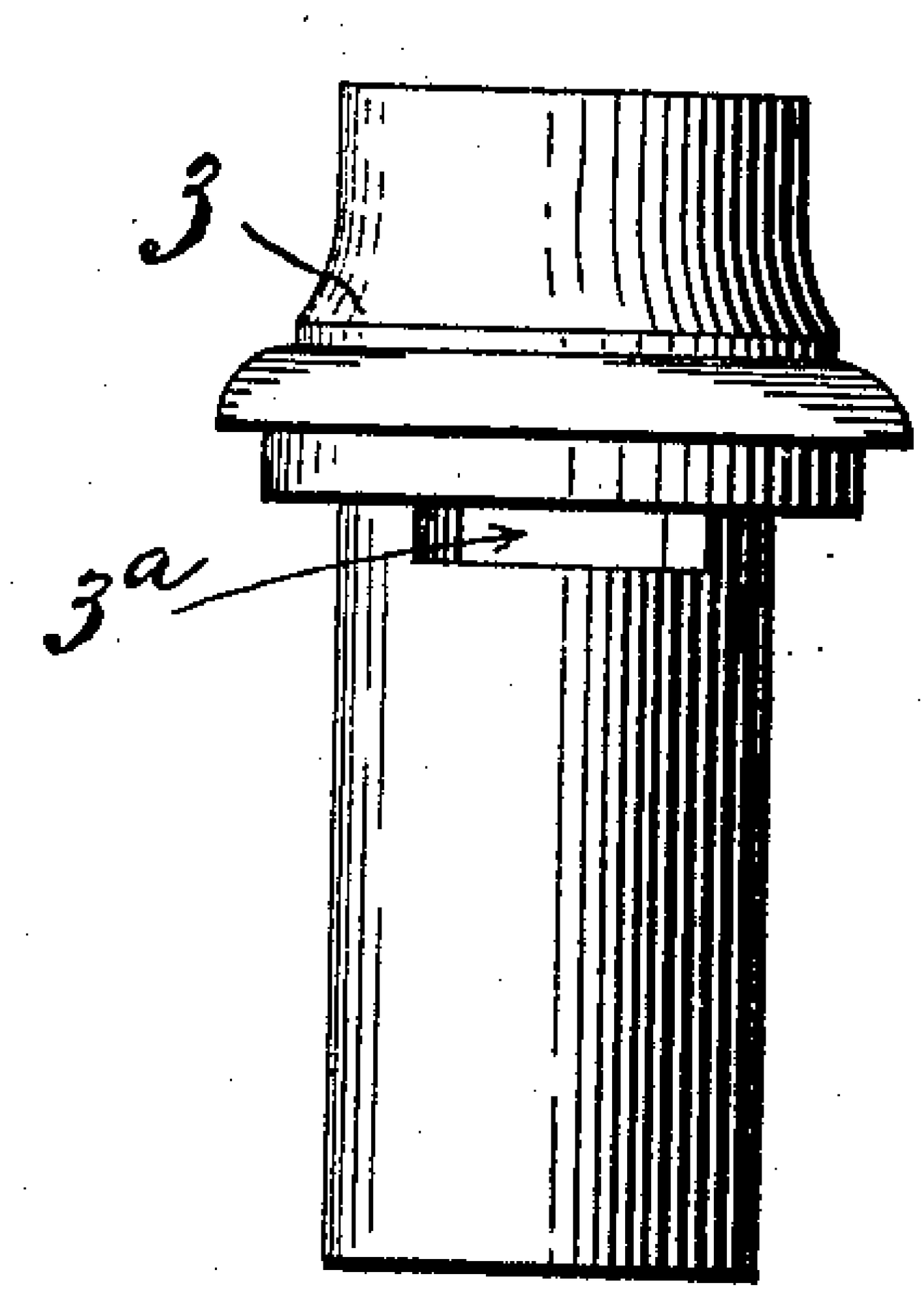


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

HENRY G. VOIGHT, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO RUSSELL & ERWIN MANUFACTURING COMPANY, OF NEW BRITAIN, CONNECTICUT, A CORPORATION OF CONNECTICUT.

LOCK AND LATCH.

No. 843,048. Specification of Letters Patent. Patented Feb. 5, 1907.

Application filed October 4, 1906. Serial No. 337,345.

To all whom it may concern:

Be it known that I, HENRY G. VOIGHT, a citizen of the United States, residing at New Britain, county of Hartford, State of Connecticut, have invented certain new and useful Improvements in Locks and Latches, of which the following is a full, clear, and exact description.

My invention relates to locks and latches; and it consists in an improved means for holding a knob-shank and rose-plate or knob-shank bearing in their assembled state in an escutcheon-plate.

In the drawings, Figure 1 is an elevation of the inner side of an escutcheon-plate with the associated parts assembled thereon. Fig. 2 is a section on line *a a* of Fig. 1. Fig. 3 is a view of the knob-shank bearing or rose.

1 is an escutcheon-plate.

2 is a knob-shank.

3 is a rose, the length of which is preferably such as to give a long support to the knob-shank.

3ª is a recess or cavity in the side of the rose extension and at the inner side of the escutcheon-plate.

4 is a retaining bar or member, which preferably is a curved strip arranged to be fastened to the inner side of the plate 1, the edge of said retaining member projecting through the cavity 3ª (so as to hold the rose in place) and into the groove 2ª, (so as to hold the knob-shank in place.) This connection is of particular value wherever the inner extension of the rose is to be used as a bearing for the knob-shank, for in such use the rose must be capable of withstanding quite severe strains.

What I claim is—

1. In a device of the character described, a knob-shank, a bearing therefor, an escutcheon-plate and a single means to retain the knob-shank from endwise movement in the bearing and to hold the bearing securely to said plate.

2. In a device of the character described, an escutcheon-plate, a tubular rose or knob-shank bearing rigidly carried thereby, a knob-shank carried by said rose, and a single means for preventing the separation of the bearing from said plate and the endwise movement of said shank in said bearing.

3. In a device of the character described, an escutcheon-plate, a tubular rose or knob-shank bearing carried thereby, a knob-shank carried by said rose, an annular groove in said shank, a cavity in the side of the tubular body of said rose adjacent to the groove in said knob-shank, and a retainer standing in said cavity and projecting into said groove to hold said parts assembled.

4. In a device of the character described, an escutcheon-plate, a tubular rose or knob-shank bearing carried thereby, a knob-shank carried by said rose, an annular groove in said shank, a cavity in the side of the tubular body of said rose adjacent to the groove in said knob-shank, and a retainer standing in said cavity and projecting into said groove to hold said parts assembled, said retainer being secured to said escutcheon-plate.

HENRY G. VOIGHT.

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