

T. Sargeant,
Stair-Rod Fastening,
No 84,584,
Patented Dec. 1, 1868.

Fig. 2.

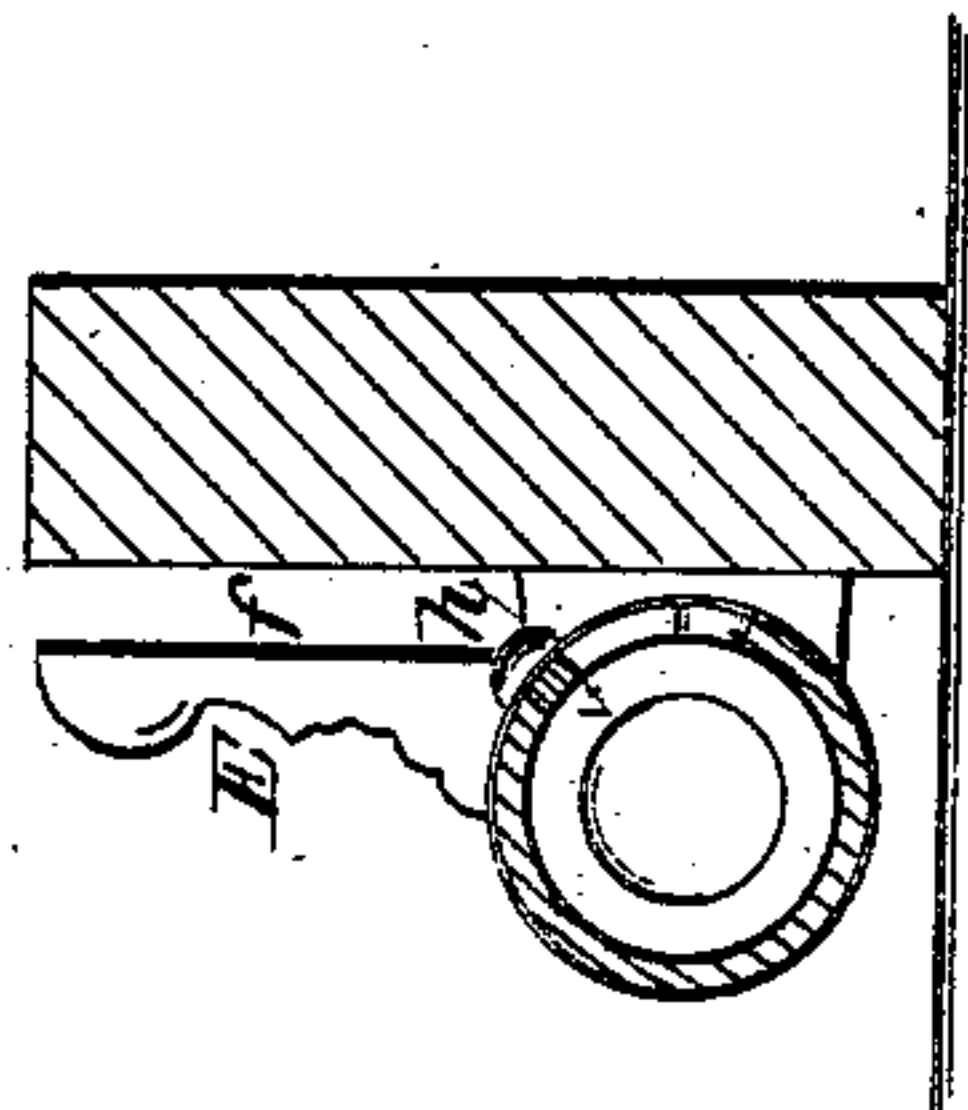
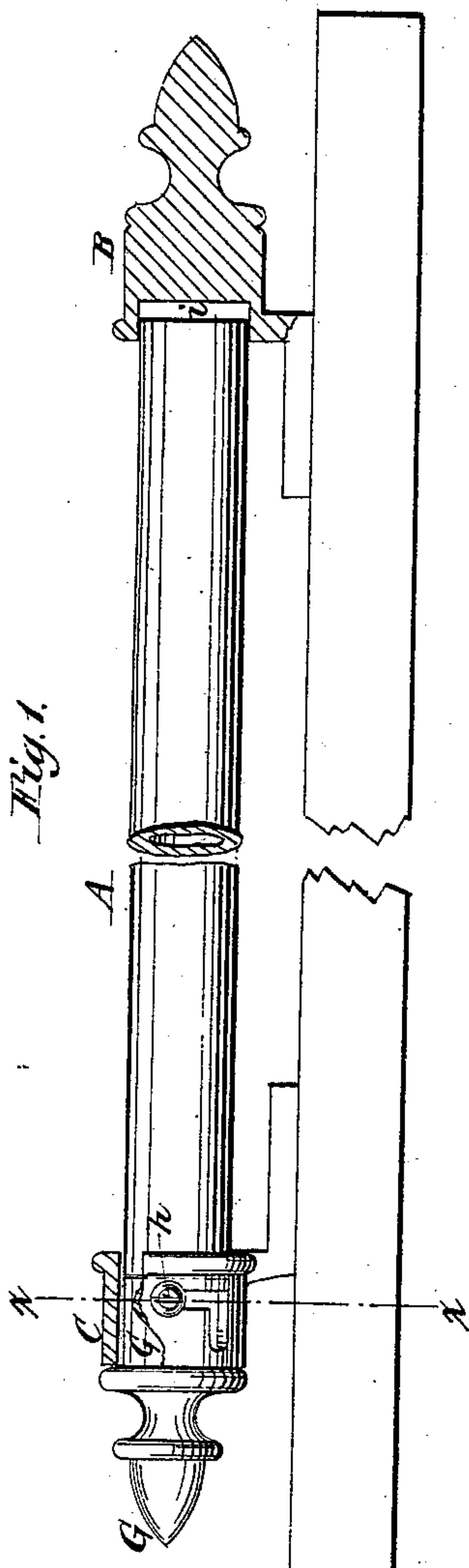


Fig. 1.



Witnesses,
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United States Patent Office.

THOMAS SARGEANT, OF WILLIAMSBURG, NEW YORK.

Letters Patent No. 84,584, dated December 1, 1868.

IMPROVEMENT IN STAIR-RODS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, THOMAS SARGEANT, of Williamsburg, in the county of Kings, and State of New York, have invented a new and improved Stair-Rod Fastening; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and improved method of fastening the rods which secure the carpet to stairs; and

It consists in holding the rod in hollow sockets by a movable knob and bayonet-fastening, as will be hereinafter described.

Figure 1 represents a longitudinal view of a stair-rod and sockets attached to the riser of the stairs, and with the rod fastened according to my invention.

Figure 2 is a cross-section through the line *x x* of fig. 1, showing the position of the socket on the riser, and the ornamental leaf, or other device, attached to the socket.

Similar letters of reference indicate corresponding parts.

A is the stair-rod.

B is a socket with a knob, (cast on,) and shown in section.

C represents the other socket, which is in fact a ring or open thimble.

Each socket has a plate, D, cast on it for fastening it to the stair-riser, by screws or otherwise.

Each socket also has an ornament, E, projecting upward, and placed so on the sockets that the carpet is passed up behind it in the space *f*, as seen.

G is a detachable knob, with a projecting stud or pin, *h*, while the socket C has a triangular slot, *i*.

The two form what is known as a "bayonet-fastening," as seen in the drawing.

Into the socket C a piece or disk of cork, *i*, or other elastic substance may be placed, against which the end of the rod rests, but this is not indispensable.

When the sockets are fastened to the stair-riser, as seen in the drawing, the end of the rod is placed in the socket C and drawn back until the other end will enter the socket B.

It is then pressed against the cork *i*, and the end of the knob G is brought to bear against the end of the rod, as seen in the drawing.

The knob G is then turned so that the pin *h* enters the other part of the triangular slot, and the fastening is complete.

It will be seen that this fastening is secure, and that the rod can be readily removed for cleaning or other purposes.

I claim as new, and desire to secure by Letters Patent—

The fastening-device, consisting of the slotted socket C and the movable knob G, having its pin *h*, in combination with the stair-rod A and socket B, all arranged as described, for the purpose specified.

The above specification of my invention signed by me, this 15th day of September, 1868.

THOS. SARGEANT.

Witnesses:

FRANK BLOCKLEY,
ALEX. F. ROBERTS.