

No. 771,679.

PATENTED OCT. 4, 1904.

N. STOCK.
FURNITURE PAD.

APPLICATION FILED JULY 10, 1903. RENEWED MAY 23, 1904.

NO MODEL.

Fig: 1.

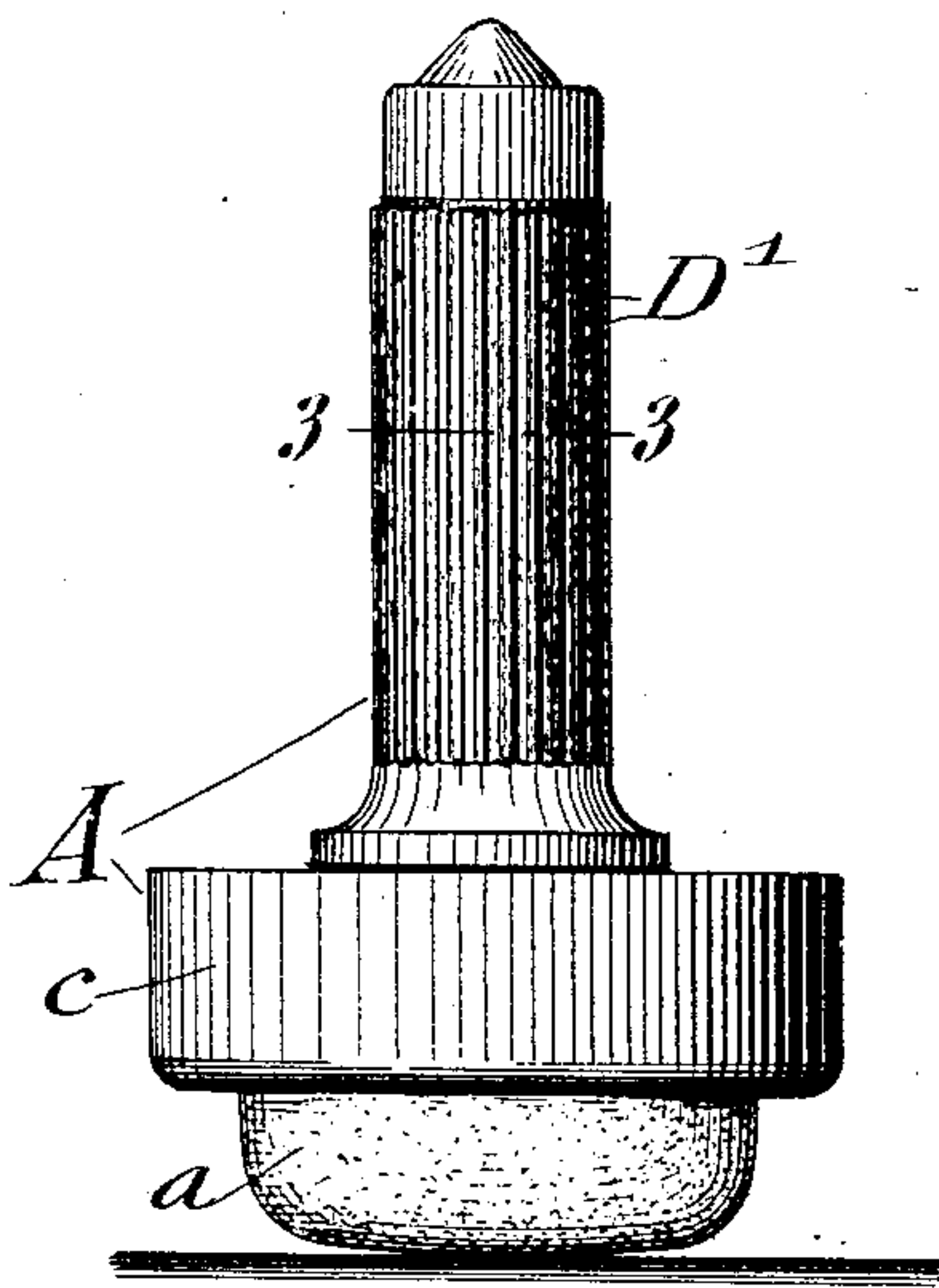


Fig: 2.

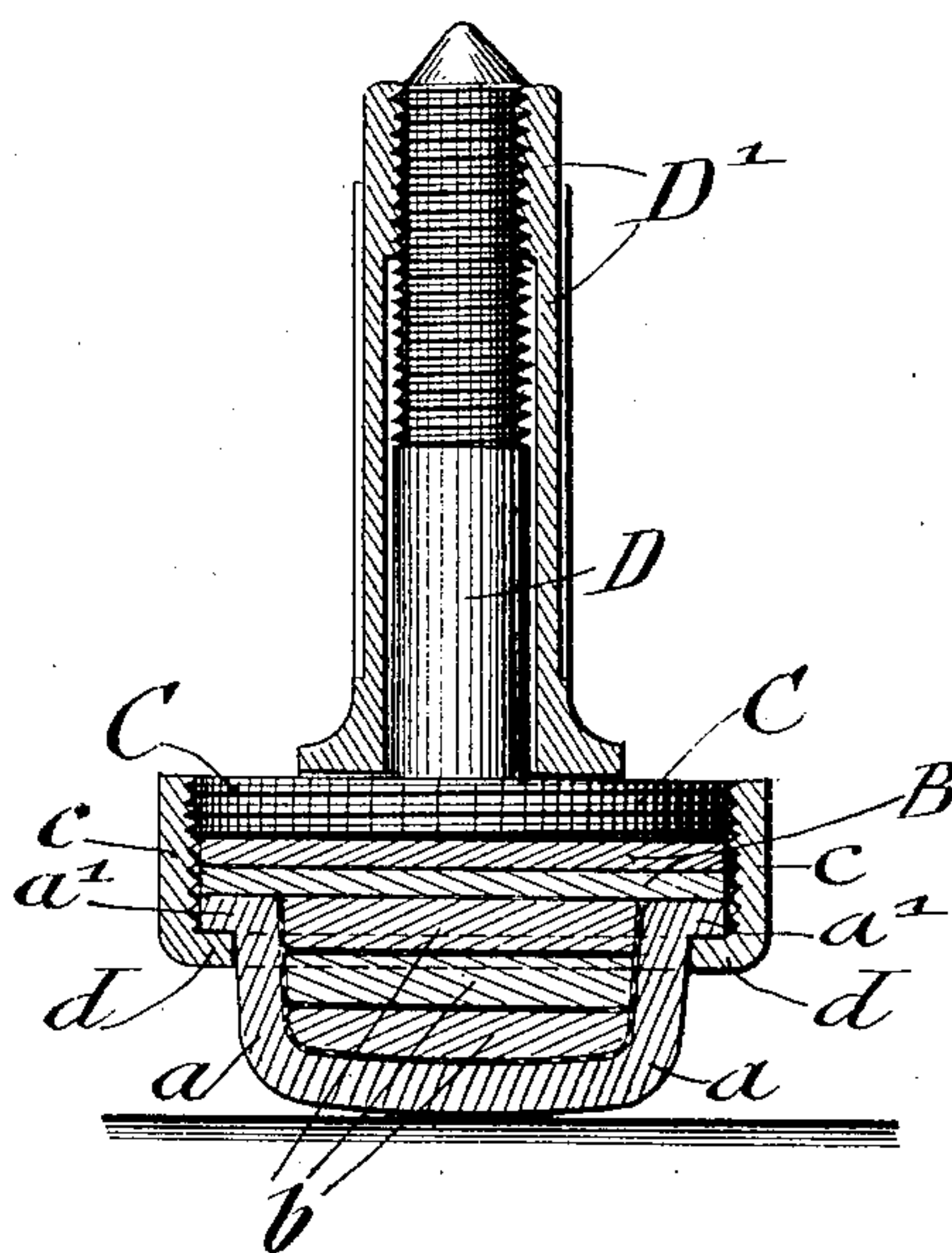


Fig: 3.

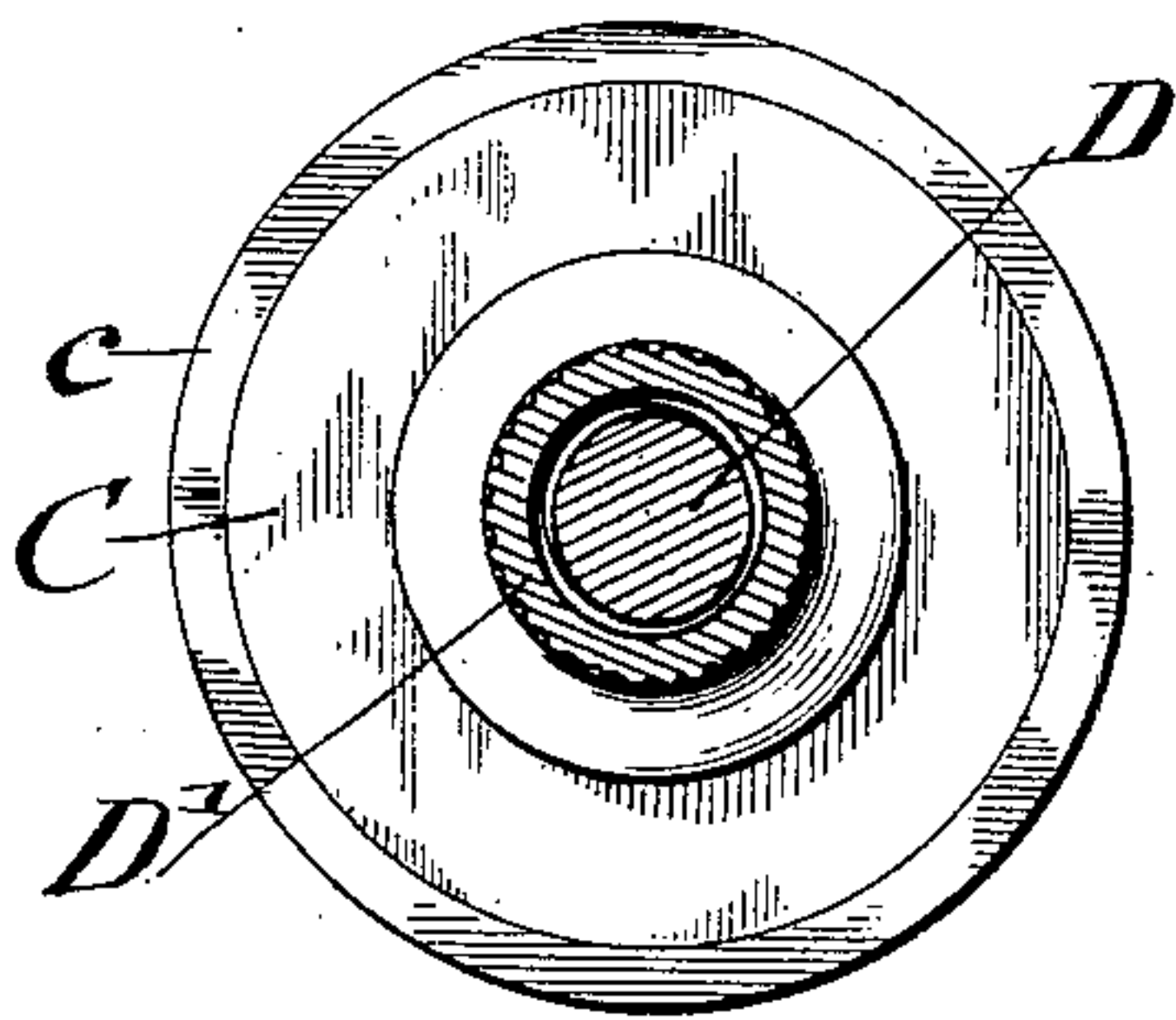
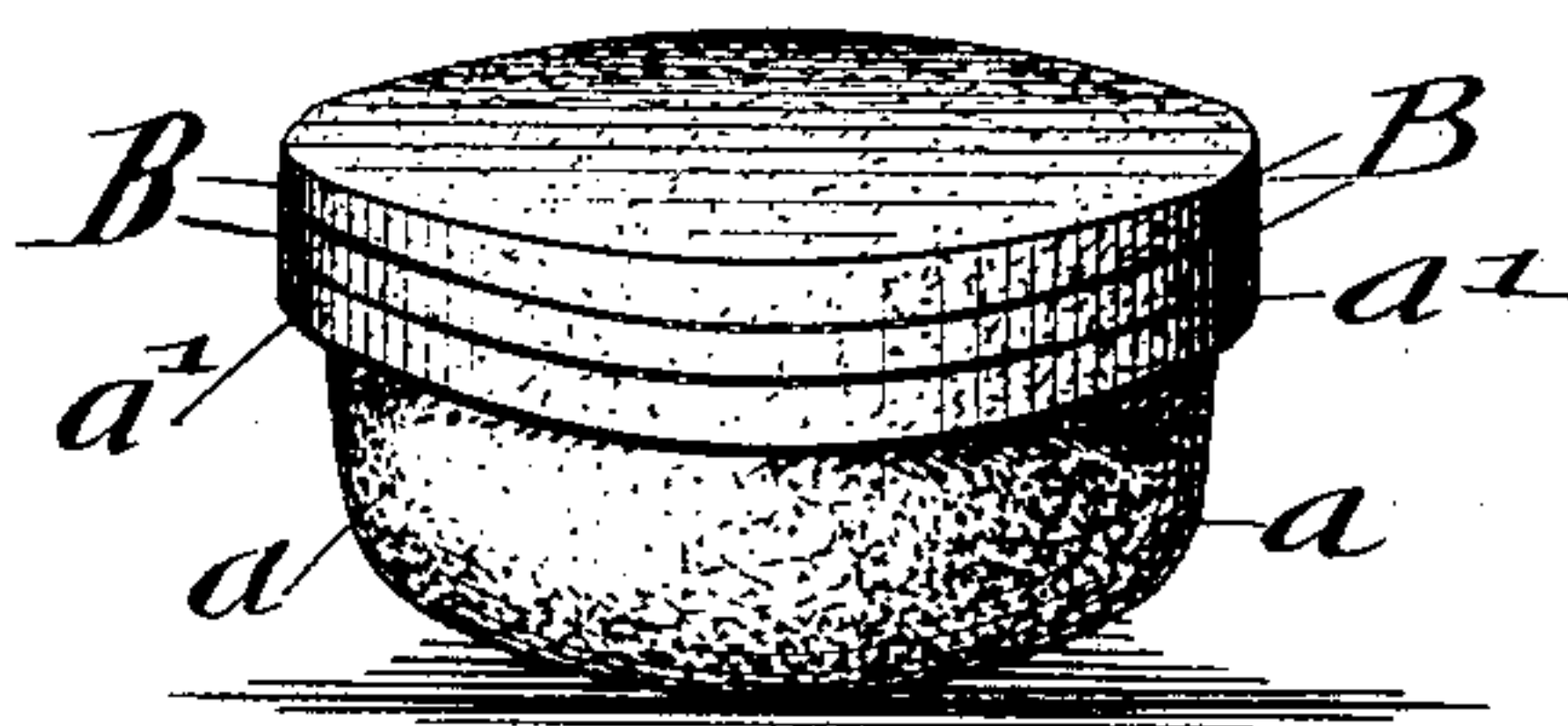


Fig: 4.



Witnesses
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UNITED STATES PATENT OFFICE.

NICHOLAS STOCK, OF KINGSTON, NEW YORK.

FURNITURE-PAD.

SPECIFICATION forming part of Letters Patent No. 771,679, dated October 4, 1904.

Application filed July 10, 1903. Renewed May 23, 1904. Serial No. 209,315. (No model.)

To all whom it may concern:

Be it known that I, NICHOLAS STOCK, a citizen of the United States, residing in Kingston, in the county of Ulster and State of New York, have invented certain new and useful Improvements in Furniture-Pads, of which the following is a specification.

The furniture-pad for which Letters Patent No. 638,997, dated December 12, 1899, were granted to me was found to be defective in practice, for the reason that the rubber button used therein when used in connection with the legs of chairs or other furniture created too great a friction when moving said furniture over the floor or carpet and that it soon became deformed, especially when subjected to frequent use. For the purpose of avoiding the objections which were demonstrated by the practical use of the pad I made experiments with buttons made from leather and found that such leather buttons will give much better results in practice than the buttons made from rubber.

The invention therefore consists of a furniture-pad comprising a shank, a head on said shank provided with an exterior screw-thread, a ring-shaped sleeve provided with an interior screw-thread corresponding to the screw-thread of the head of the shank and with a circumferential retaining-flange bent inwardly at right angles to the sleeve, and a button consisting of an exterior shell provided with a circumferential rim, a core formed of several layers cemented together and to the shell, and several superposed layers cemented to the core and to the circumferential limb, said rim and superposed layers being adapted to be interposed between the head of the shank and flange of the ring-shaped sleeve, as will be fully described hereinafter and finally pointed out in the claim.

In the accompanying drawings, Figure 1 is a side elevation of my improved furniture-pad. Fig. 2 is a vertical central section of the same. Fig. 3 is a top view of the same, and Fig. 4 is a perspective view of the button shown as detached from the head.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents a furniture-pad provided with a button which is made of leather of suitable thickness and composed of an exterior shell *a*, that is provided at its upper end with a circumferential flange or rim *a'* and of a core *b*, which is formed of several layers of sole-leather that are cemented together and then cemented into the interior of the shell *a*, the general shape of the core corresponding to the shape of the shell, as shown clearly in cross-section, Fig. 2. To the upper of these core layers and to the rim *a'* are cemented several superposed layers, forming the top of the button, which is made flat, so as to fit snugly against the flat under side of the exteriorly-threaded head C, that is provided with a shank D, having a screw on the end, by means of which the shank is screwed into a socket-hole bored into the leg of a chair or other piece of furniture or into a socket driven into said socket-hole of the piece of furniture. The circumferential rim *a'* of the button A is supported in a ring-shaped socket formed by a disk-shaped head C, provided with an exterior screw-thread and an interiorly-threaded sleeve *c*, which screws onto the head C, said sleeve *c* being provided at its lower end with an inwardly-bent flange *d*, bent approximately at right angles to the sleeve, which engages the circumferential rim *a'* of the button and holds it firmly in position when the head C is screwed into the sleeve *c*. The head C is provided with a shank D, having a screw-thread at its upper end, and with a socket D', screwed on said shank and provided with exterior ribs.

When the pad is to be secured to a piece of furniture, a socket-hole is first bored by drill-bit in the lower end of the leg of the same, after which the shank is screwed into the socket-hole and the socket D' screwed on the shank and driven in until the head rests flat against the under side of the leg. The button is then placed against the under side of the head C and retained thereon by the sleeve *c*, which is screwed on the head C, so that the circumferential rim of the button is firmly held by the inwardly-bent flange of the sleeve, as shown in Figs. 1 and 2. The ring-shaped

sleeve *c* presses the top of the button on the flat under side of the head *C*, so as to compress the rim or flange *a'* and hold thereby the button firmly in position on the head, so as to prevent the unscrewing or detaching of the button. When the button becomes worn by use, it is replaced by unscrewing the sleeve *c* from the head *C*, after which the worn button can be removed, a new one placed in position on the head, and the sleeve screwed again on the threaded head.

The leather buttons are made up in quantity and supplied to the dealer, so that they can be furnished whenever required by the customer.

Furniture provided with pads having leather buttons of the construction described move easily and noiselessly over the floor without offering resistance to the same whether the floor is covered with a rug or carpet or not, as the button instead of becoming deformed retains its shape and becomes highly polished and offers an easily-gliding surface, which is superior to the surface of the rubber or other pads hitherto in use.

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

A furniture-pad, consisting of a shank, a head on said shank provided with an exterior screw-thread, a ring-shaped sleeve provided with an interior screw-thread corresponding to the screw-thread of the head of the shank and with a circumferential retaining-flange bent inwardly approximately at right angles to the sleeve, and a button consisting of an exterior shell provided with a circumferential rim, a core formed of several layers of leather cemented together and to the shell, and several superposed layers cemented to the core and to the circumferential rim, said rim and superposed layers being adapted to be interposed between the head of the shank and flange of the ring-shaped sleeve, substantially as set forth.

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

NICHOLAS STOCK.

Witnesses:

LUTHER S. DECKER,
N. E. STACY.