

(No Model.)

D. N. PLUME.

DRAWER PULL.

No. 412,537.

Patented Oct. 8, 1889.

Fig. 2.

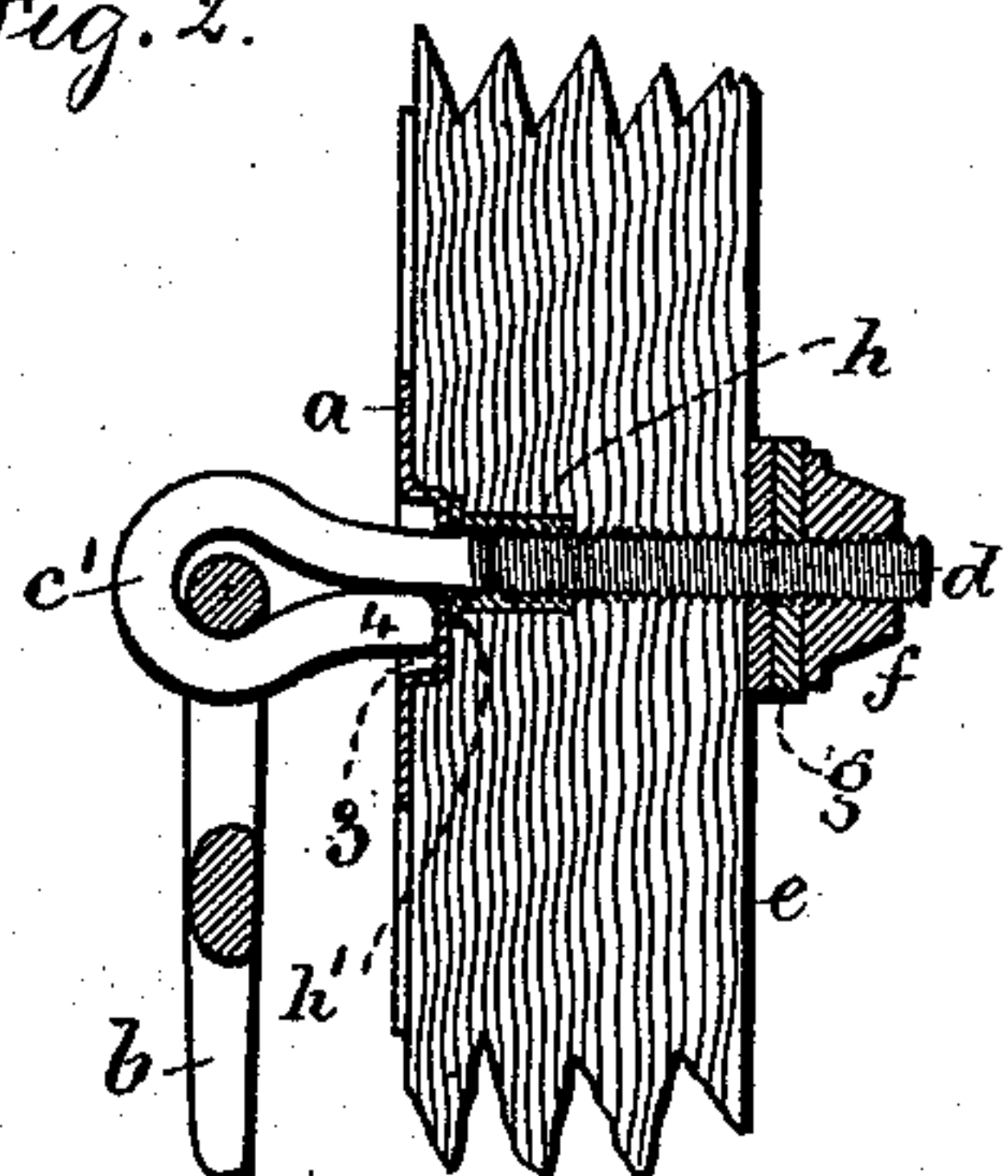


Fig. 3.

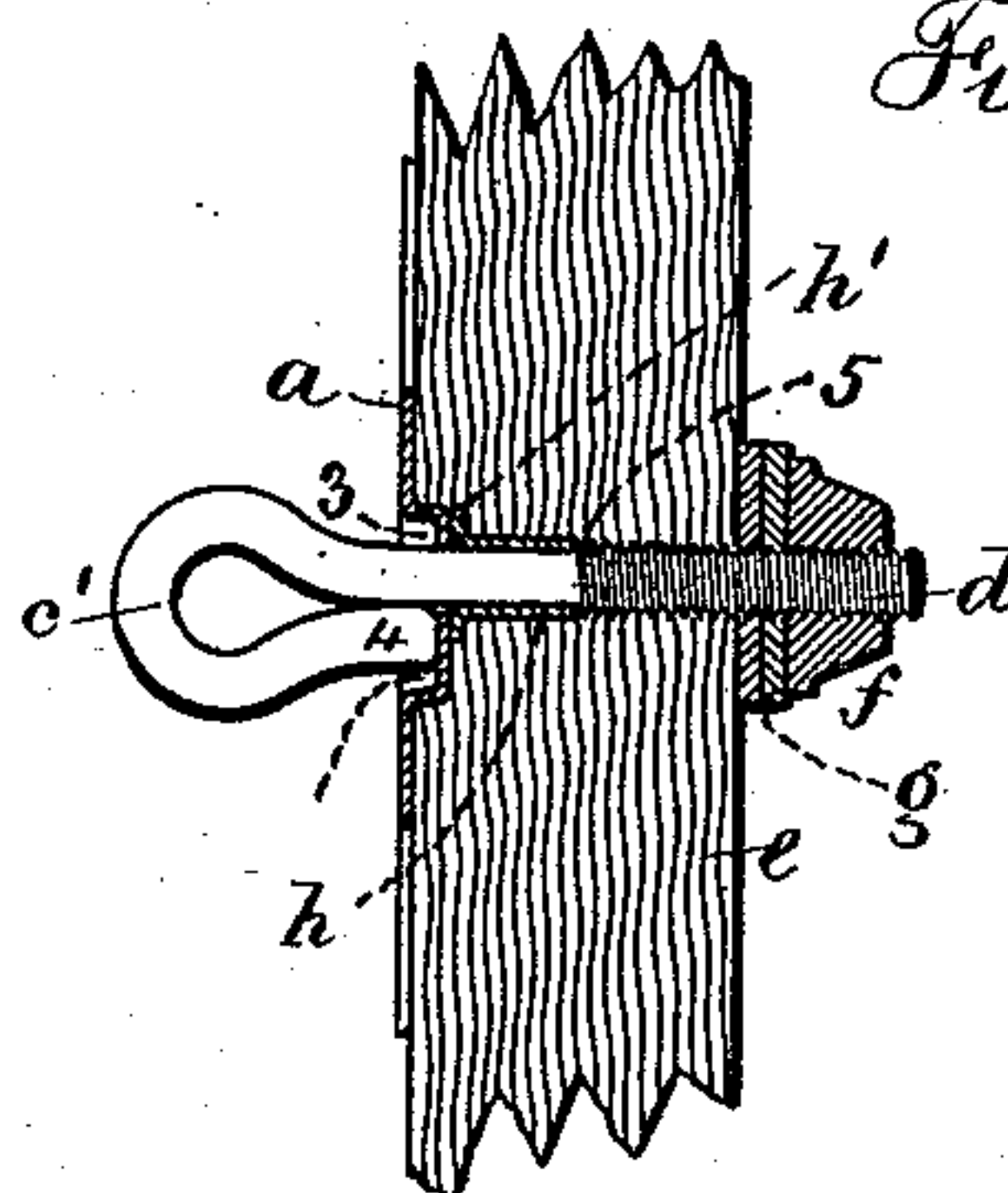


Fig. 4.

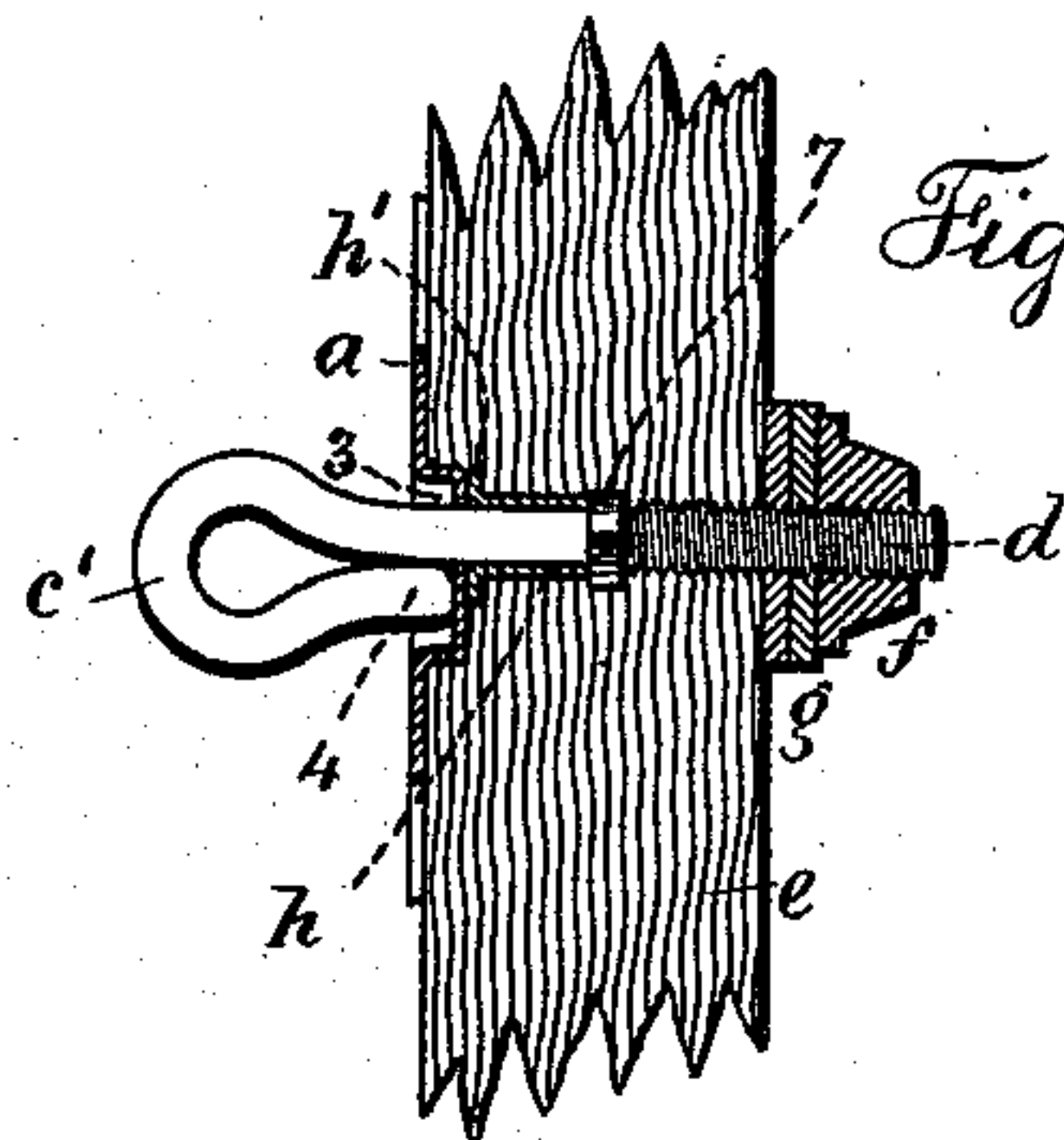
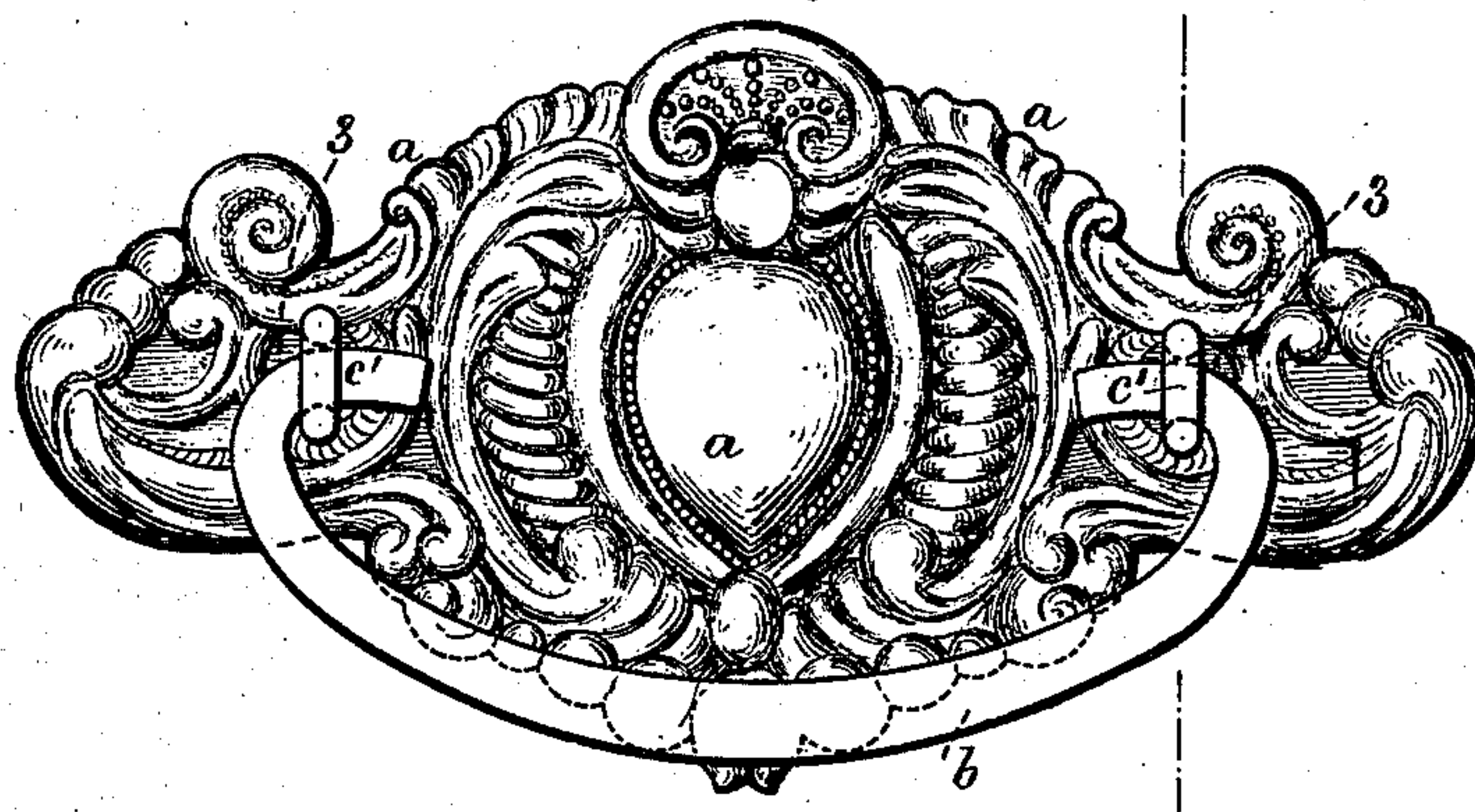


Fig. 1.



Witnesses:

J. Staib
Chas. N. Smith

Inventor:

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per Lemuel W. Serrell atty.

UNITED STATES PATENT OFFICE.

DAVID N. PLUME, OF WATERBURY, CONNECTICUT.

DRAWER-PULL.

SPECIFICATION forming part of Letters Patent No. 412,537, dated October 8, 1889.

Application filed August 12, 1889. Serial No. 320,470. (No model.)

To all whom it may concern:

Be it known that I, DAVID N. PLUME, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Drawer-Pulls, of which the following is a specification.

In Letters Patent No. 407,898, granted to E. P. Nobbs, the handle-eyes are shown as each made with a stop which is adapted to be permanently fastened to the ornamental plate to connect the parts together, said stop being received into a recess in the plate. The shank of the handle-eyes has also been compressed or spread at the back of the ornamental plate to form pins to prevent the parts separating. Many drawer pulls or handles, however, are without any means for preventing the parts becoming detached.

My invention relates to a device for preventing the eyes and their shanks from becoming detached from the plate; and the same consists in a sleeve or band of metal surrounding the shank at the back of the ornamental plate, the same being compressed upon or otherwise secured to the shank, so that endwise movement is prevented.

In the drawings, Figure 1 is an elevation of a drawer pull or handle; and Figs. 2, 3, and 4 are sections showing my improved mode of fastening.

a represents the ornamental plate of metal; *b*, the handle; *c' c'*, the eyes for the ends of the handle, and *d* the screw shanks or stems formed in one piece with said eyes.

e represents the wood of a drawer or other part of furniture through which the shanks or stems *d* pass; *f*, the clamping-nuts, and *g* the washers between the nuts and the wood.

The ornamental plate *a* is formed with depressions at 3 3 to receive the return-bend ends 4 of the wire forming the eyes *c' c'*.

The essential feature of my invention consists in the sleeve or band of metal *h*, forming a stop. The sleeve or band of metal *h* has an

outward flange *h'* at one end, and in Fig. 2 I have shown this sleeve as surrounding the screw-shank *d*, behind the plate *a*, and compressed upon said shank, so that the metal of which it is made is forced into the threads upon the shank to hold the sleeve in place and prevent any endwise movement, and the flange *h'*, bearing against the back of the plate *a*, prevents the parts being separated during the handling, sale, or exhibition of the goods.

In Fig. 3 the pressed or rolled thread upon the shank *d* is of larger diameter than the other part of the shank, and in this instance the sleeve *h* is passed over the screw-thread, and is then compressed around the smaller smooth portion of the shank, the point 5 acting as a stop to prevent endwise movement of the sleeve upon the shank, and in Fig. 4 I have shown a similar device to that shown in Fig. 3, except that in this instance between the end of the thread and one end of the sleeve the shank at 7 has on it one or more fins or projections pressed up in the metal and forming stops to prevent the endwise movement of the sleeve *h*.

I claim as my invention—

1. The combination, with the plate and handle, of the eyes and their threaded shanks, and sleeves or bands held firmly upon the shanks at the back of the plate, substantially as and for the purposes set forth.

2. The combination, with the plate and handle, of the eyes and their threaded shanks, a sleeve or band around each shank having a flange at one end at the back of the plate and held firmly upon the shank, substantially as and for the purposes set forth.

Signed by me this 8th day of August, A. D. 1889.

DAVID N. PLUME.

Witnesses:

F. W. CHESSON,
E. E. HAMPSON.