

L.F. Cerf Caster

71363

Fig. 1.

PATENTED

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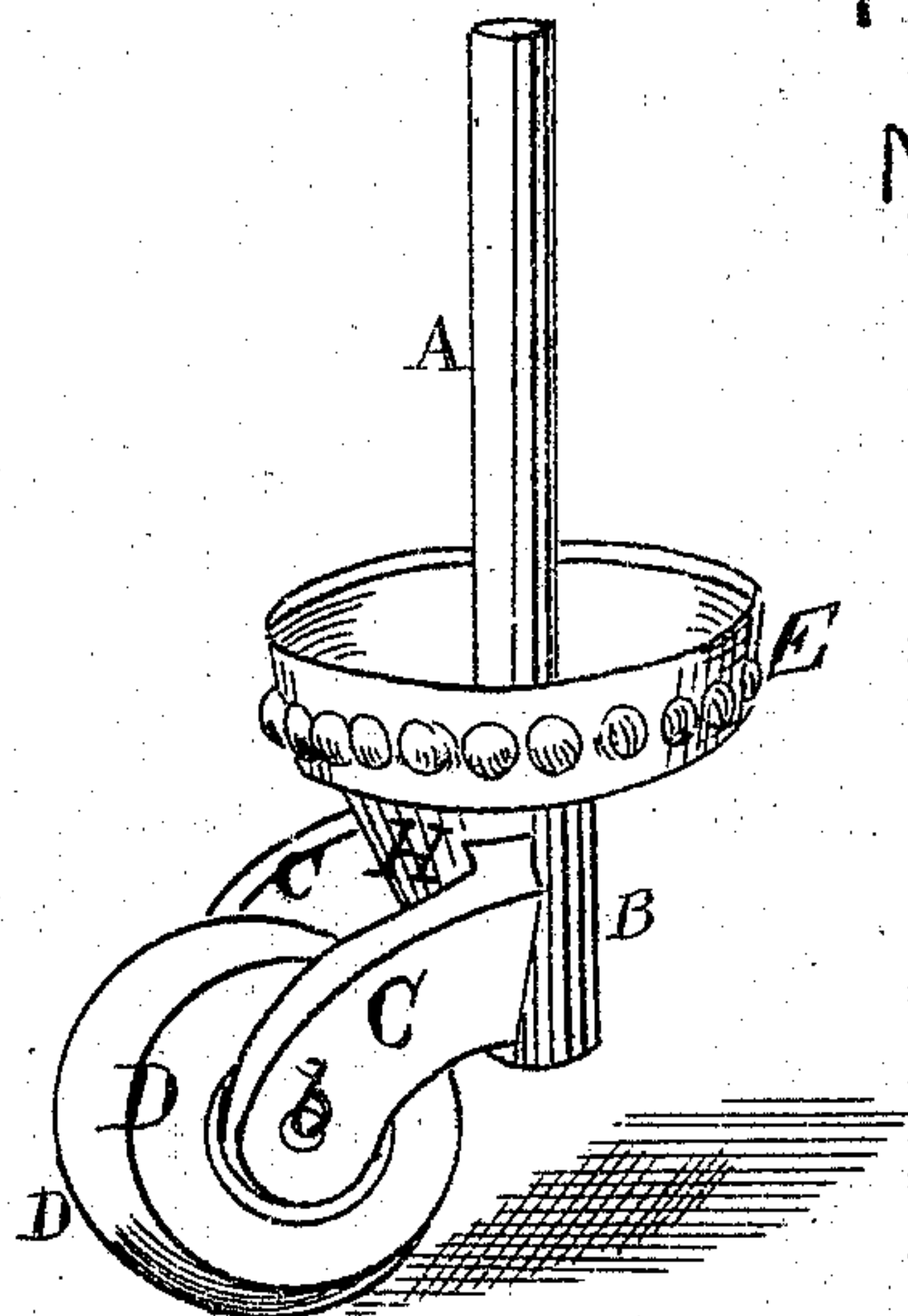
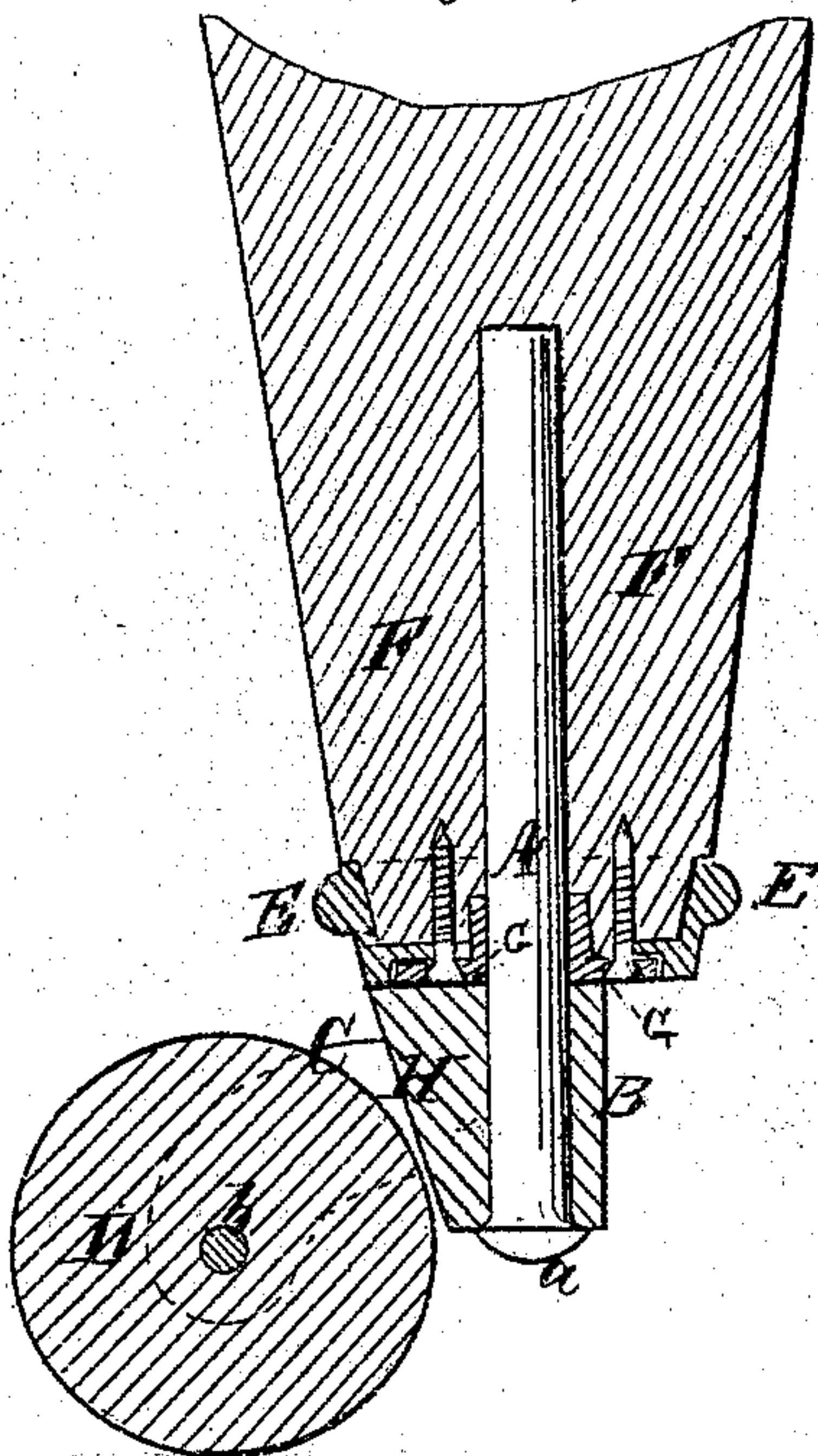


Fig. 2.



Witnesses.
Thos. Lusche
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United States Patent Office.

L. FREDERICK CERF, OF NEW YORK, N. Y.

Letters Patent No. 71,363, dated November 26, 1867.

IMPROVED CASTER FOR FURNITURE.

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, L. FREDERICK CERF, of New York, in the county and State of New York, have invented a new and useful Improvement in Casters; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying plate of drawings, and to the letters of reference marked thereon, forming part of this specification.

Figure 1 represents a perspective view of my invention.

Figure 2 is a sectional elevation of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new manner of constructing furniture-casters, so that they will be strengthened and prevented from bending and breaking.

The invention consists in forming a projection on the sleeve, which fits around the pivoting-pin; said projection sliding on the lower edge of the ring, which is laid around the furniture-leg, or on the lower edge of the leg itself.

The object of this invention is to prevent the bending and breaking of the pivoting-pin and sleeve.

In the ordinary casters, as they are now in use, the weight of the article to which the caster is attached has the tendency to bend the pivoting-pin directly below the leg of the article, so that the pin is broken, and the caster made useless. By arranging the aforesaid support between the two arms projecting from the sleeve, the strain will be transferred more directly to the centre of gravity, and the pivoting-pin will be neither bent nor broken by the strain.

A represents the pivoting-pin of a furniture-caster; B is the sleeve fitted around it, and resting upon a shoulder, *a*, formed on the pin, as shown in fig. 2; C C are two arms, projecting from the sleeve B, and forming the bearings for the supporting-pin *b*, upon which the roller D is mounted; E is a ring, usually arranged around the lower end of the leg F of an article of furniture; G is a plate, fastened to the under side of the leg; H is a lug, projecting from the sleeve B, between the arms C C, as shown, and reaching to the under side of the leg itself, as shown. The weight is thus, to a great extent, transferred from the upper to the lower part of the pin A, and the same will therefore not be so easily bent and broken as heretofore.

The same invention can be applied to those casters in which the pin A works in a sleeve arranged within the leg F, in which case the support H will project directly from the pin A.

I am aware that revolving supports upon the sleeve have heretofore been made and used, but as they form no part of my invention, I do not therefore claim them; but having thus described my invention,

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

The fixed supporting-lug H, upon one side of the sleeve B, and between the caster-arms C C, as herein described, for the purpose specified.

L. F. CERF.

Witnesses:

WM. F. McNAMARA,

ALEX. F. ROBERTS.