

C. VIGNERON.
Piano-Forte Insulators.

No. 150,112.

Patented April 21, 1874.

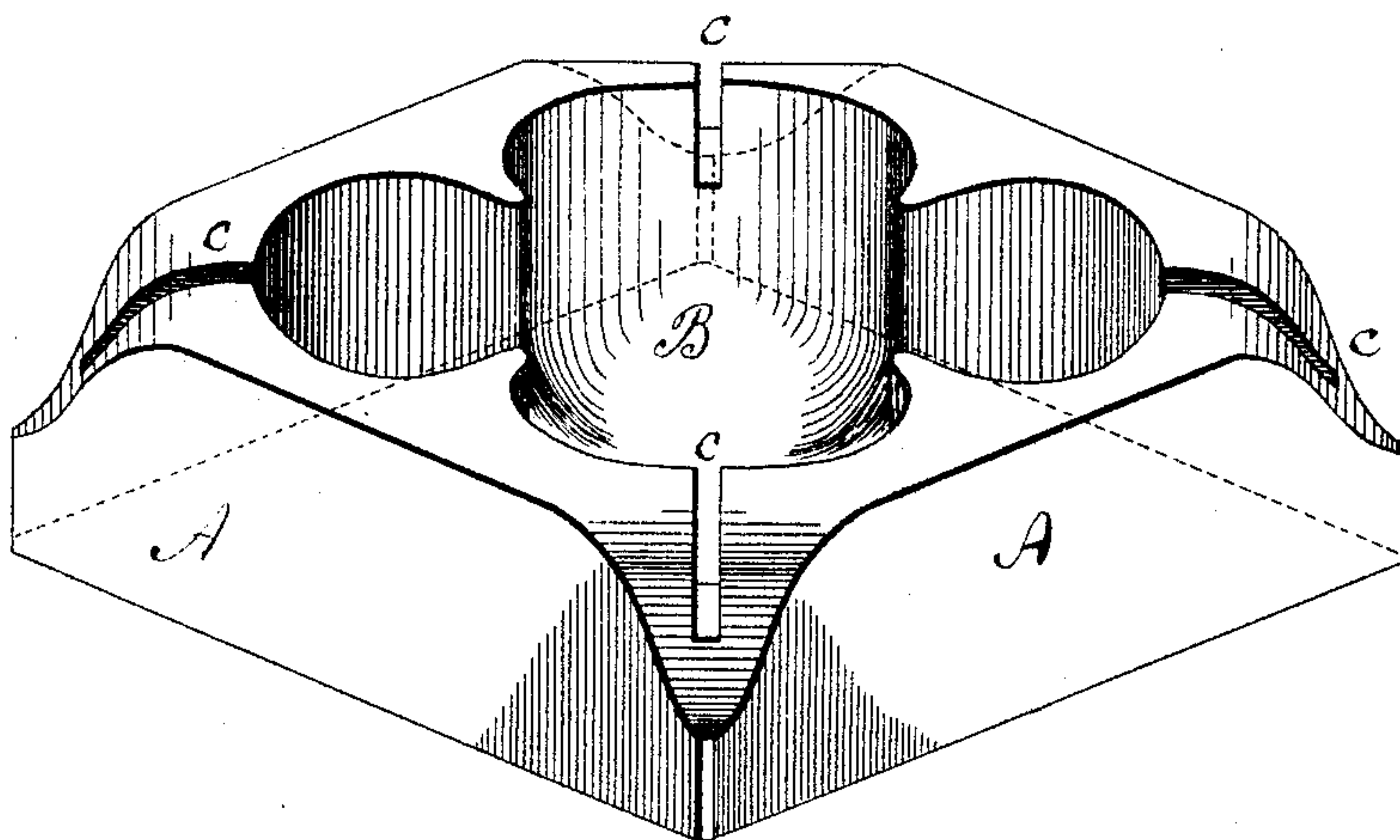


FIG. 1.

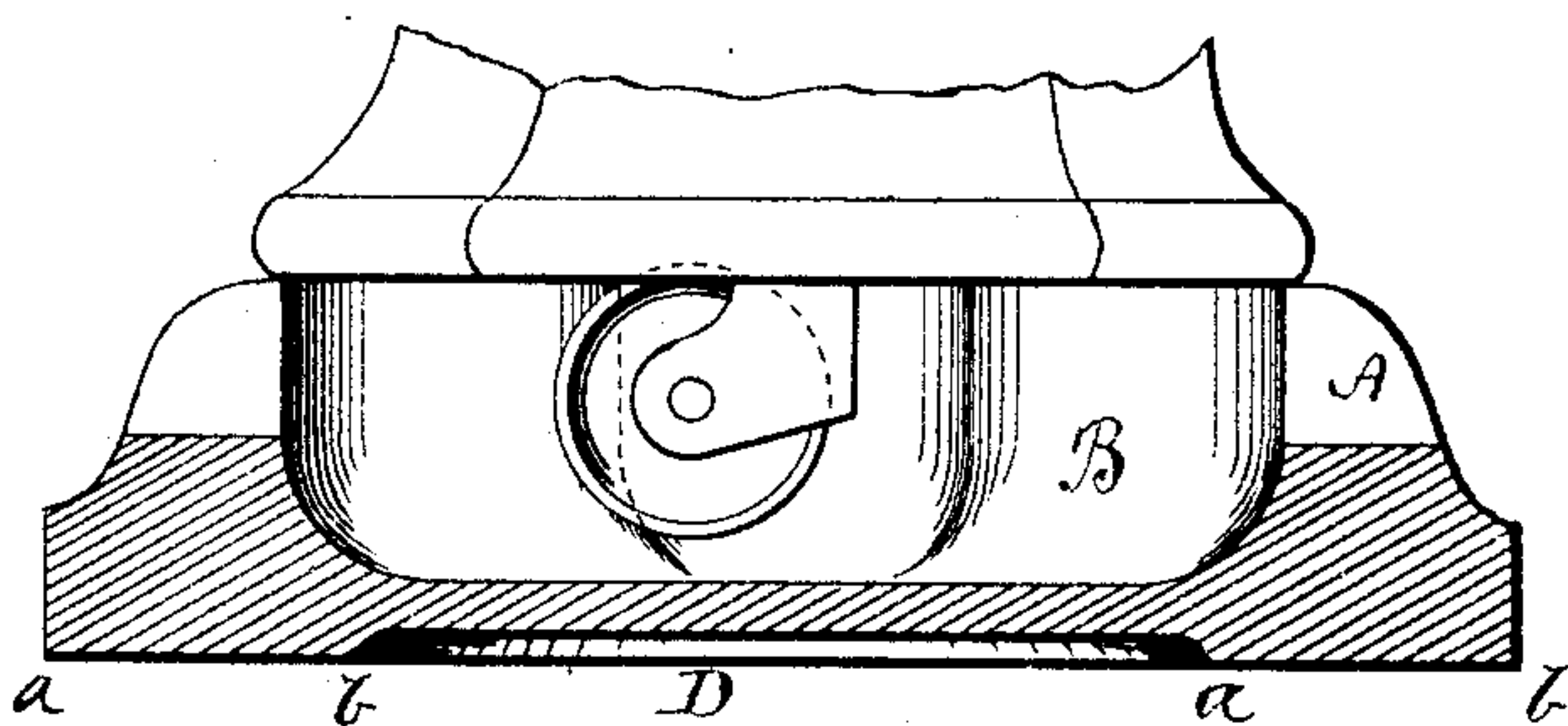


FIG. 2.

WITNESSES.

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IMPROVEMENT IN PIANO-FORTE INSULATORS.

Specification forming part of Letters Patent No. **150,112**, dated April 21, 1874; application filed March 11, 1874.

To all whom it may concern:

Be it known that I, CHARLES VIGNERON, of the city and county of Providence, in the State of Rhode Island, have invented a new Piano-Insulator; and I do hereby declare that the following specification, taken in connection with the drawings making a part of the same, is a full, clear, and exact description thereof.

Figure 1 is a view in perspective. Fig. 2 is a view in cross-section.

It is a well-known fact that the notes of a music-box, when supported upon glass tumblers, will be given forth with a much clearer and more ringing sound than if the box be set upon a carpeted floor.

The object of my invention is to provide a means for giving a similar improved effect to the notes of a piano-forte, melodeon, or other similar instrument.

A is a block of glass, sufficiently thick and strong to sustain one corner of the instrument which it is to support. It is molded with a cavity, B, in its upper face large enough to receive the foot of the piano-leg without coming, in any part, into contact with the wood, and support the caster properly, as seen at Fig. 2. The under side of the insulator should also be made with a central cavity, D, Fig. 2, so that the bottom of the insulator will be in contact

with the carpet only at its edge *a b*, or otherwise, so that, by means of legs, the continuous connection of the piano-leg with the floor will be broken. I also break the continuity of the upper surface of the insulator by cutting a number of slits, *c*, transversely through its rim, as shown at Fig. 1.

If an insulator of this character be placed under each of the legs of a piano-forte, it will be found that the tone of the instrument is greatly improved. While glass is decidedly the best material for the purpose, a very excellent effect will be obtained from the use of similar insulators made of mineral composition, earthenware, metal, or even hard wood.

What I claim as my invention, and desire to secure by Letters Patent, is—

An insulator for piano-fortes and other heavy musical instruments, made with a recess, B, to receive the foot of the leg of the instrument, the slits *c*, and a cavity or recess, D, upon the under side to break direct connection with the floor, substantially as described.

CHARLES VIGNERON.

Witnesses:

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