

(No Model.)

H. HAAS.

PEDAL FOR MUSICAL INSTRUMENTS.

No. 290,043.

Patented Dec. 11, 1883.

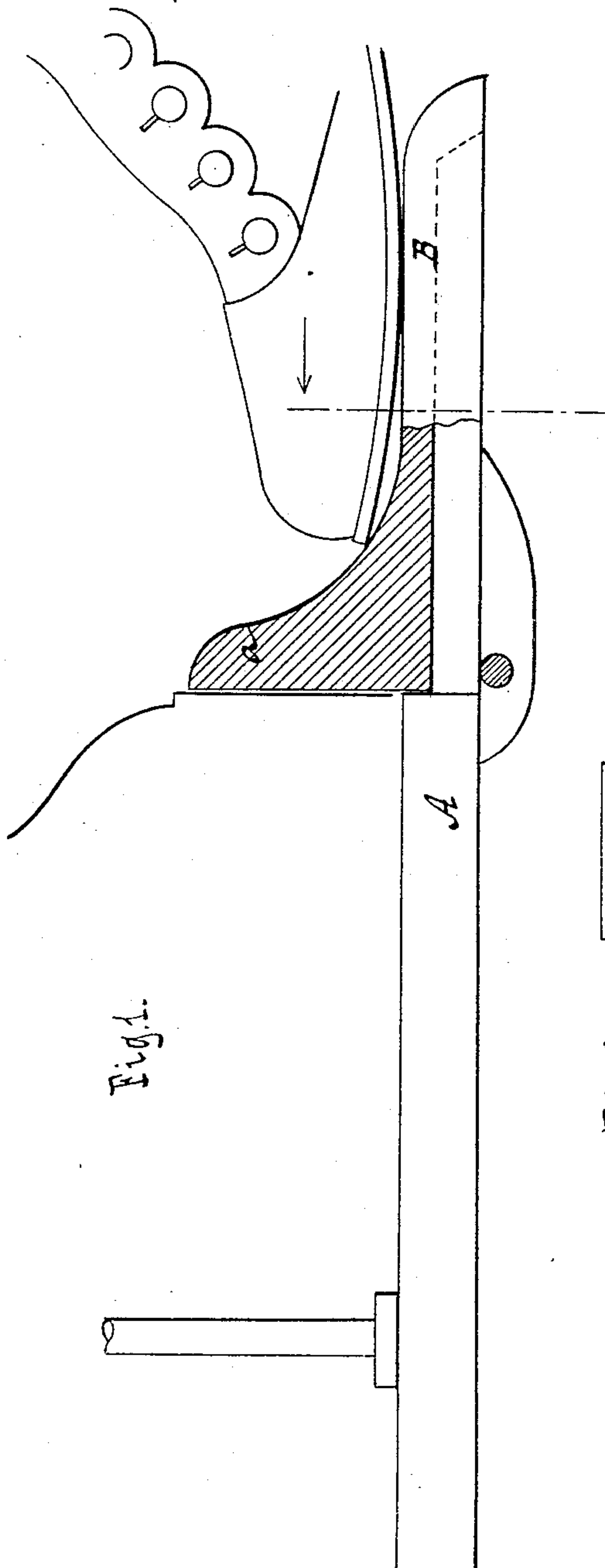


Fig. 1.

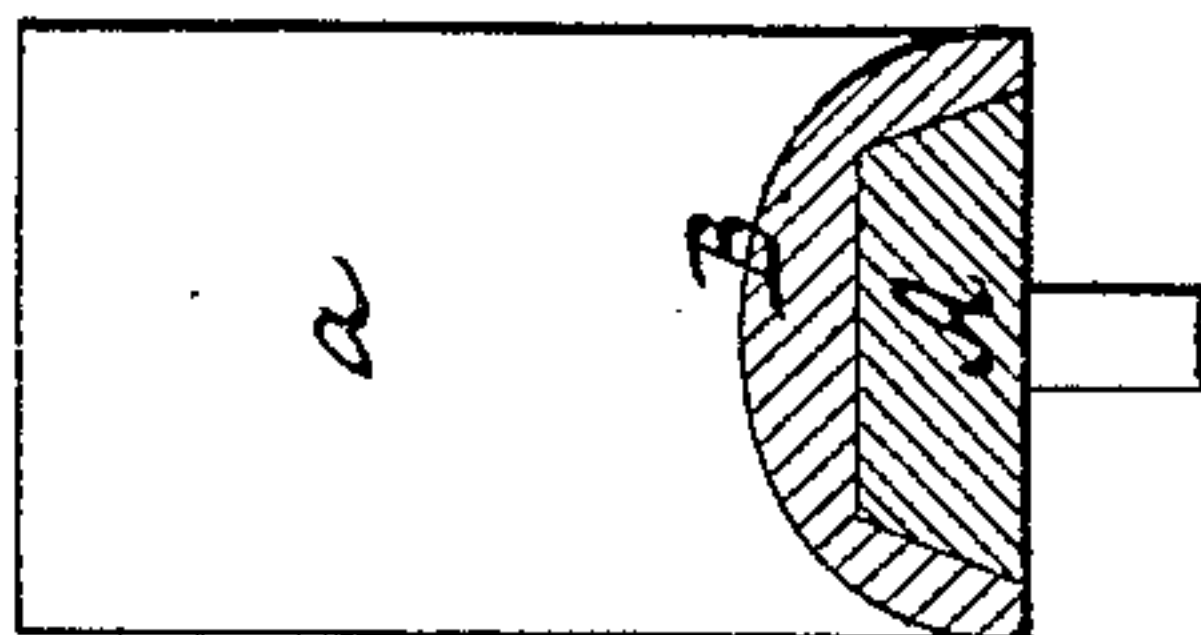


Fig. 2.

WITNESSES:

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PEDAL FOR MUSICAL INSTRUMENTS.

SPECIFICATION forming part of Letters Patent No. 290,043, dated December 11, 1883.

Application filed February 27, 1883. (No model.)

To all whom it may concern:

Be it known that I, HENRY HAAS, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Pedals for Musical Instruments, of which the following is a specification.

This invention relates to improvements in the pedal for which Letters Patent No. 143,509 were issued to me on the 7th day of October, 1883, and has for its object to provide the metal lever with novel and more efficient and desirable means to prevent the foot-piece from becoming oxidized or corroded. To this end the invention consists in a pedal composed of a lever of metal having a cap of vitreous material secured upon its forward portion, as will be more fully hereinafter set forth, reference being had to the accompanying drawings, in which—

Figure 1 represents a sectional side view. Fig. 2 is a transverse section in the plane $x x$, Fig. 1.

Similar letters indicate corresponding parts.

In the drawings, the letter A designates a metallic lever, which has its fulcrum on a pivot secured in the lyre of a piano-forte, or in any part of a musical instrument in which the pedals are usually secured. On the outer end of this lever is firmly secured a cap, B, of glass, porcelain, or other vitreous material, being fastened in position by a suitable cement, or by any other means which will accomplish the desired result. The inner end of the cap B is provided with a projection, a , which forms a guard to protect the lyre or other part supporting the pedal against injury from the foot which is brought to bear upon the pedal.

Heretofore the foot-pieces of the pedals have been made in one piece with the pedal-levers, and all of metal, and in order to impart to these foot-pieces a nice appearance they are either burnished or plated with silver or nickel. In all such cases the time required for finishing the foot-pieces materially increases the cost of the pedals, and, furthermore, the burnished or plated foot-pieces are liable to tarnish, so that they require cleaning or polishing. These disadvantages are obviated by my invention.

The cap B is produced by means of a suitable mold, and after the same has been secured to the pedal-lever A it requires no further attention. It can be attached with little loss of time, is not liable to tarnish or become oxidized or corroded, and it forms a protection for the lyre or other part supporting the pedal.

I am aware that it has been proposed to provide a piano-key with a covering of glass; but such is not claimed.

Having thus described my invention, what I claim is—

A pedal for musical instruments, composed of a metallic lever and a cap of glass, porcelain, or other vitreous material, covering the top, sides, and the outer end of said lever, substantially as and for the purpose shown and described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

HENRY HAAS. [L. S.]

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.