

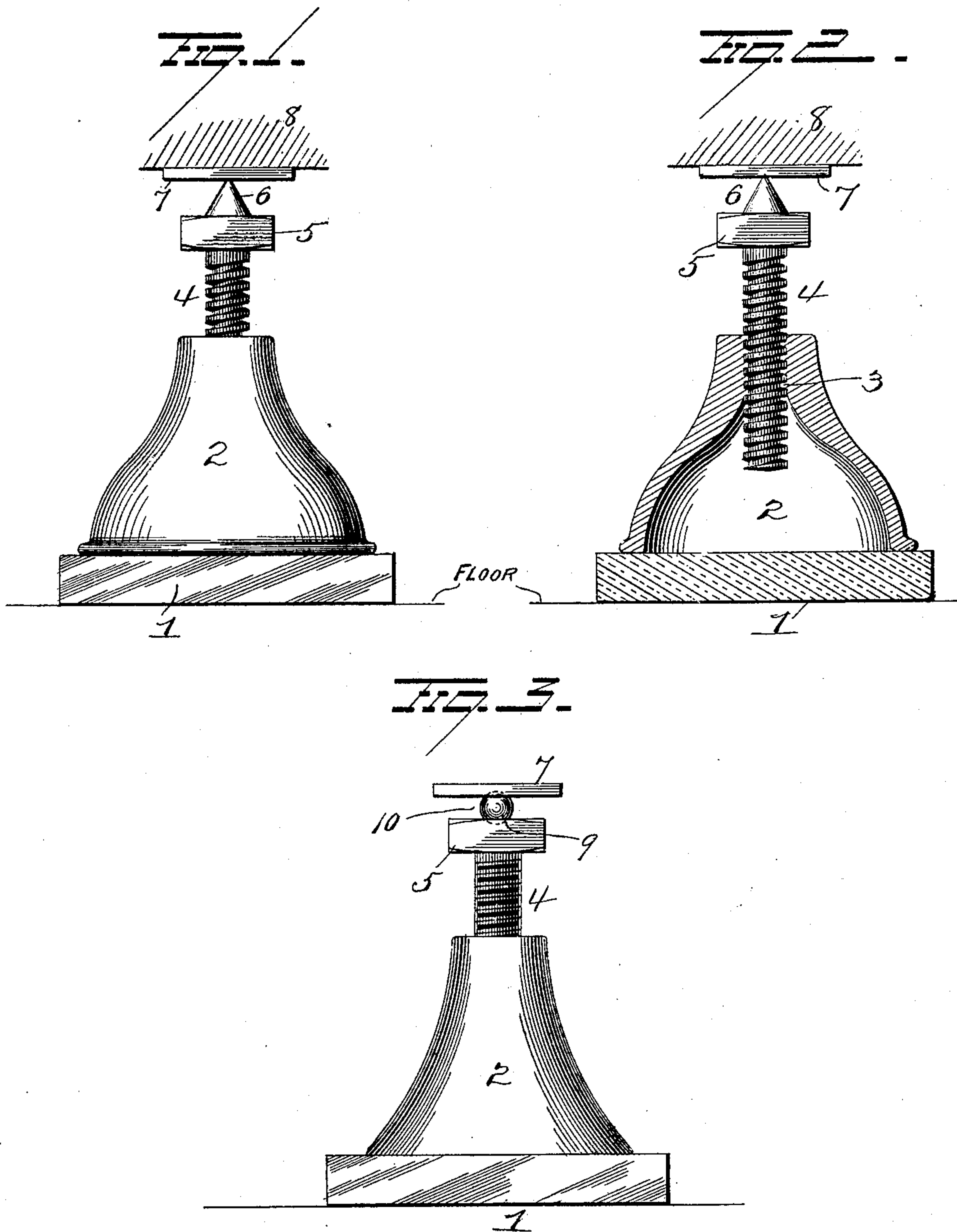
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Patented Jan. 16, 1900.

D. BOORMAN.
SUPPORT FOR MUSICAL INSTRUMENTS.

(Application filed Oct. 12, 1898.)

(No Model.)



WITNESSES
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UNITED STATES PATENT OFFICE.

DAVID BOORMAN, OF ALTOONA, PENNSYLVANIA.

SUPPORT FOR MUSICAL INSTRUMENTS.

SPECIFICATION forming part of Letters Patent No. 641,493, dated January 16, 1900.

Application filed October 12, 1898. Serial No. 693,324. (No model.)

To all whom it may concern:

Be it known that I, DAVID BOORMAN, a resident of Altoona, in the county of Blair and State of Pennsylvania, have invented certain
5 new and useful Improvements in Supports for Musical Instruments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in supports for pianos, organs, or other musical instruments, the object of the invention being to provide a support which will firmly support
15 a musical instrument and insure an increased musical tone to the instrument when played.

A further object is to provide a device of the above character which will be simple in
20 construction, easily placed in position and removed, and to provide a device which will be extremely cheap to manufacture and most effectual when in use.

With these objects in view the invention
25 consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1
30 is a view in perspective illustrating my improved support in place, and Fig. 2 is a view in section of same. Fig. 3 is a modified form of my invention.

1 represents a block or strip of insulating
35 material, preferably glass, on which is disposed a metal jack 2, which is preferably hollow and provided with a longitudinal screw-threaded opening 3 in its upper end. A
40 threaded bar or post 4 passes through said opening 2 and is provided with an enlarged angular portion 5 for the reception of a wrench or other tool to turn same. The upper end
45 of the bar or post 4 (above the enlarged portion 5) is preferably made conical, as shown at 6, whereby to facilitate the turning of said
bolt 4 upon a metal plate 7 under the body of the piano or other musical instrument 8.

Instead of providing the bar or post 4 with a conical upper end 6 I may construct the
50 same as shown in Fig. 3. In this form of my invention the enlarged angular upper end of the bar or post is made with a recess or de-

pression 9 for the reception of a ball 10, whereby when the bar or post is turned the ball will prevent friction against plate 7, and hence
55 prevent injury to the musical instrument.

It will be readily seen that with my improved device it is simply necessary to place the same beneath the musical instrument and
60 turn the bolt 4 until it raises the musical instrument from the floor. Four or more of these supports may be employed, according to the size of the instrument to be supported. It will also be seen that my improved device will, due to the small contact-point with the
65 piano or other musical instrument, permit but a small amount of vibration to be transmitted to the support, and that the amount of vibration which will reach the support will be insulated from the floor or carpet by the
70 glass or other insulating-plate, and hence by the use of my device the musical instrument will be given a much greater and sweeter tone than heretofore, as none of the vibrations will be permitted to pass off into the floor.

Various slight changes might be made in the general form and arrangement of the several parts described without departing from the spirit and scope of my invention, and
80 hence I would have it understood that I do not wish to limit myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

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

1. A device adapted to support a musical instrument and improve the tone thereof, consisting of a hollow metal body adapted to be
90 disposed under the instrument and provided with adjustable parts having a contracted bearing adapted for contact with the instrument, and a block under said hollow body.

2. A device for supporting a musical instrument and improving the tone thereof, consisting of a hollow metal body, a part projecting from said hollow body and having a pointed
100 upper end, and a glass block under said hollow body.

3. A device for supporting a musical instrument and improving its tone, consisting of a hollow conical metal standard, a glass block

under and supporting said standard, a screw
passing through the small upper end of the
standard and provided at its upper end with
an angular head, a pointed projection upon
5 said head and a metal plate above and con-
stituting a bearing for said pointed projec-
tion.

In testimony whereof I have signed this
specification in the presence of two subscrib-
ing witnesses.

DAVID BOORMAN.

Witnesses:

GEO. M. MCKINNEY,
W. H. GLENN.