

(No Model.)

C. J. SCHNEIDER.
PIANO ATTACHMENT.

No. 549,824.

Patented Nov. 12, 1895.

FIG. 1.

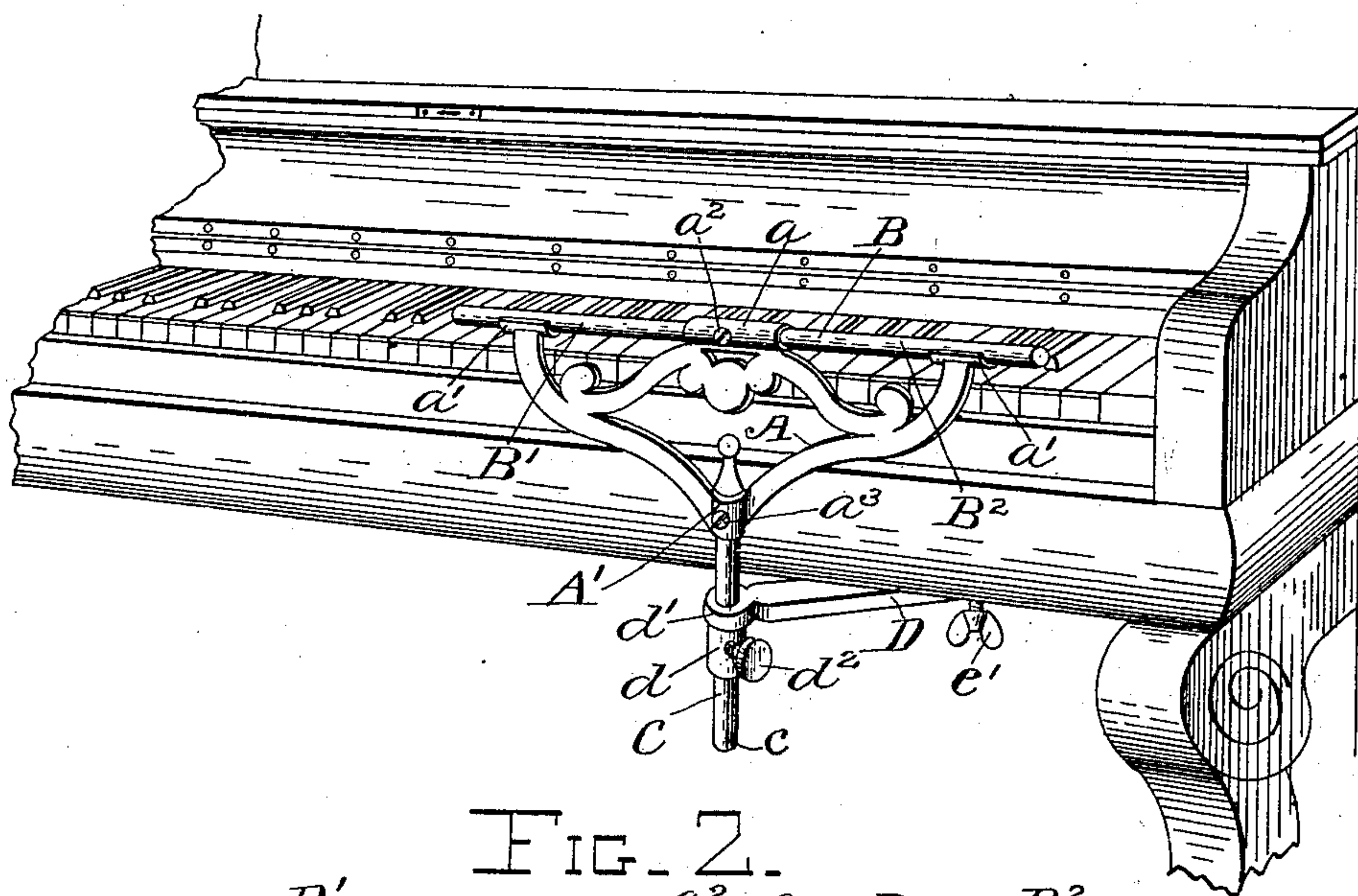


FIG. 2.

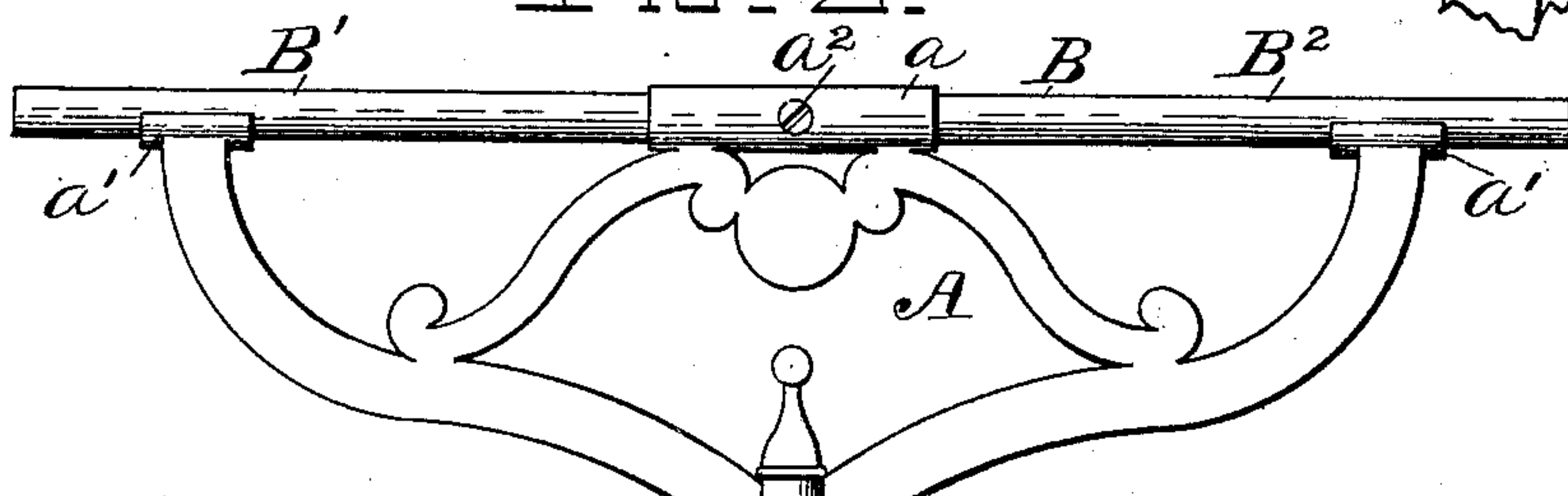


FIG. 4.

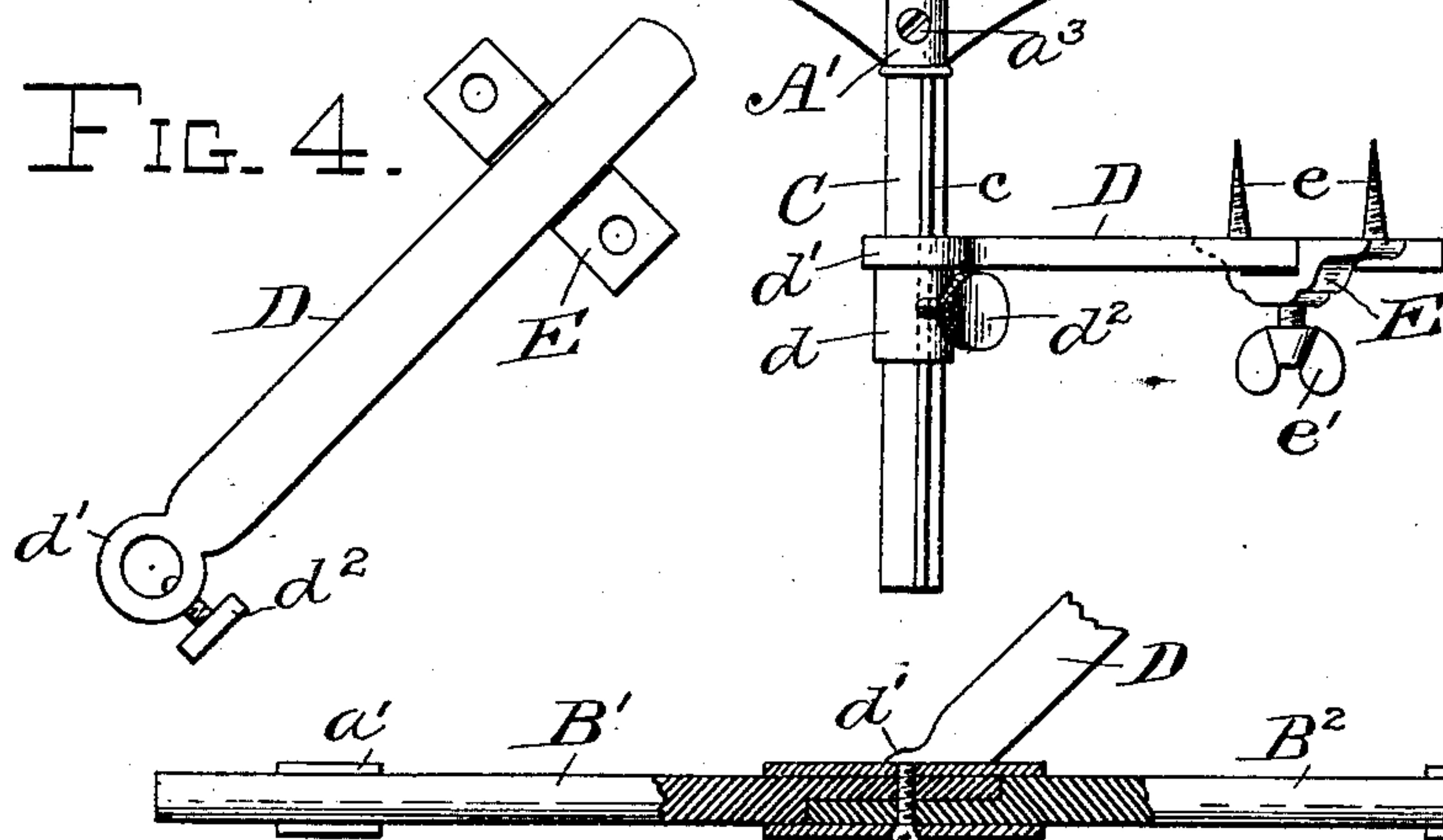


FIG. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

CARL J. SCHNEIDER, OF AMERICUS, GEORGIA.

PIANO ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 549,824, dated November 12, 1895.

Application filed July 22, 1895. Serial No. 556,780. (No model.)

To all whom it may concern:

Be it known that I, CARL J. SCHNEIDER, a citizen of the United States, residing at Americus, in the county of Sumter and State of Georgia, have invented certain new and useful Improvements in Piano Attachments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in that class of attachments for use in connection with the keyboard of a piano or other similar keyboard by means of which the wrist and arm of the performer are supported in the proper position while the fingers are practicing upon the keys; and it consists in the novel devices hereinafter described and claimed.

My invention will be understood by reference to the accompanying drawings, wherein the same parts are indicated by the same letters throughout the several views.

Figure 1 represents a perspective view of a portion of a piano, showing my improved attachment in position thereon. Fig. 2 is an enlarged front elevation of the attachment shown in Fig. 1 detached from the piano. Fig. 3 represents a plan view of parts shown in Fig. 2, part of the supporting-arm being cut away and the central sleeve of the bracket and part of the rod being shown in horizontal section. Fig. 4 represents a top plan view of the supporting-arm and socket shown in Fig. 2.

A is a scroll or frame having a socket A', which sets over the upper end of a vertical standard C, and is held firmly thereon by means of a set-screw a^3 , which fits into a groove in said standard. The frame or bracket A is provided with an upper collar or sleeve a above its central portion and with concave rests a' a' at its opposite ends.

B is a rod of wood, metal, or other material formed in two parts B' and B², spliced together within the central sleeve, as shown in Fig. 3, the screw a^2 passing through the said thimble and the reduced adjacent ends of the rods. The outer ends of the rod B are supported in the concave rests a' . If desired, I may use a single rod in place of the one shown in the drawings, as will be obvious.

The standard C passes through a collar d ,

formed on the enlarged end d' of a horizontal supporting-arm D, which latter extends under the front part of the piano, where it passes through a U-shaped bracket E, secured to the under side of the front of the piano.

The bracket E is shown as secured to the piano by the screws set at an angle, so as to bring the outer end of the arm D in the proper position in front of the piano; but it will be obvious that the bracket E might be fixed to a swivel-plate having a set-screw, so that the angle of the piece D could be varied at will. The arm D is held in the bracket E at the desired position by means of the clamp-screw e' .

The collar d , formed on the outer end of the arm D for the reception of the standard C, is provided with a clamp-screw d^2 , which extends into a groove c in the standard C, allowing the said standard to be raised or lowered at will and clamped in the desired position.

As the rod B should at all times be parallel to the front of the keyboard of the piano, it will be seen that the set-screw d^2 , working in the vertical slot or groove c in the standard C, will prevent the bracket from being turned pivotally, but will keep it in the proper position.

My invention may be made plain or any ornamental style desired, and it will be evident that it may be readily attached to or removed from the piano by means of the clamp-screw e' , and that the standard C may be readily removed from the collar d on the arm D, and the parts packed away when not in use. It will also be evident that my attachment may be readily attached to any piano without injuring the woodwork or defacing the same.

It will be seen that many modifications of my invention might be made which could be used without departing from the spirit of my invention.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In an arm rest for use in connection with the keyboard of a piano or other similar keyboard, for supporting the wrist and arm while practicing, the combination, with a horizontal rod; a bracket rigidly supporting said rod in a position slightly above but in front of and parallel to the said keyboard, and pro-

vided with a vertical socket in its lower central portion; an upright having its upper end fitting in said socket, and held by a set screw; of a horizontal arm provided at one end with
 5 a collar adapted to receive the lower end of said upright and allow of its vertical adjustment therein; a clamp screw passing through said collar and adapted to clamp said upright at any desired height; a cleat secured to the
 10 under side of the said keyboard and adapted to receive the opposite end of the said horizontal arm and allow of its horizontal adjustment therein; and a clamp screw passing through said cleat for clamping said horizontal
 15 arm in the desired position, substantially as described.

2. In an arm rest for use in connection with the keyboard of a piano or other similar keyboard, for supporting the wrist and arm while
 20 practicing, the combination, with a horizontal rod held in a position slightly above but in front of and parallel to the keyboard of the instrument by means of the bracket A having central collar *a* in which the said rod
 25 is rigidly held by means of a screw, and outer rests *a'* for supporting the ends of said rod, and having a socket A' provided in its lower central portion; an upright having its upper
 30 end fitting in said socket and held by a set screw; of a horizontal arm provided at one end with a collar adapted to receive the lower end of said upright and allow of its vertical adjustment therein; a clamp screw passing
 35 through said collar and adapted to clamp said upright at any desired height; a cleat secured to the under side of the said keyboard and adapted to receive the opposite end of the said horizontal arm and allow of its horizontal
 40 adjustment therein; and a clamp screw passing through said cleat for clamping said horizontal arm in the desired position, substantially as described.

3. In an arm rest for use in connection with the keyboard of a piano or other similar key-
 45 board for supporting the wrist and arm while practicing, the combination, with a horizontal rod; a bracket rigidly supporting said rod in a position slightly above but in front of and parallel to the said keyboard and pro-
 50 vided with a vertical socket in its lower central portion; an upright having its upper end fitting in said socket and held by a set screw,

and provided with a longitudinal groove therein; of a horizontal arm provided at one
 55 end with a collar adapted to receive the lower end of said upright and allow of its vertical adjustment therein; a clamp screw passing through said collar and entering said groove in the upright, and adapted to clamp said up-
 60 right at any desired height, and to hold same against turning in said collar; a cleat secured to the under side of the said keyboard and adapted to receive the opposite end of the said horizontal arm and allow of its hori-
 65 zontal adjustment therein; and a clamp screw passing through said cleat for clamping said horizontal arm in the desired position, substantially as described.

4. In an arm rest for use in connection with the keyboard of a piano or other similar key-
 70 board, for supporting the wrist and arm while practicing, the combination, with a horizontal rod held in a position slightly above but in front of and parallel to the keyboard of the instrument by means of the bracket A
 75 having central collar *a* in which the said rod is rigidly held by means of a screw, and outer rests *a'* for supporting the ends of said rod, and having a socket A' provided in its lower central portion; the upright C having its up-
 80 per end fitting in said socket and held by a set screw, and provided with a longitudinal groove *c* therein; of a horizontal arm D provided at one end with a collar *d* adapted to receive the lower end of said upright and allow
 85 of its vertical adjustment therein; a clamp screw *d*² passing through said collar and entering the groove *c* in said upright, adapted to clamp said upright at any desired height, and to hold same against turning in said col-
 90 lar; a cleat secured to the under side of the keyboard of the instrument and adapted to receive the opposite end of the said horizontal arm and allow of its horizontal adjustment therein; and a clamp screw passing
 95 through said cleat for clamping said horizontal arm in the desired position, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

CARL J. SCHNEIDER.

Witnesses:

M. H. C. DUDLEY,
 ROBT. L. SULLIVAN.