

No. 698,505.

Patented Apr. 29, 1902.

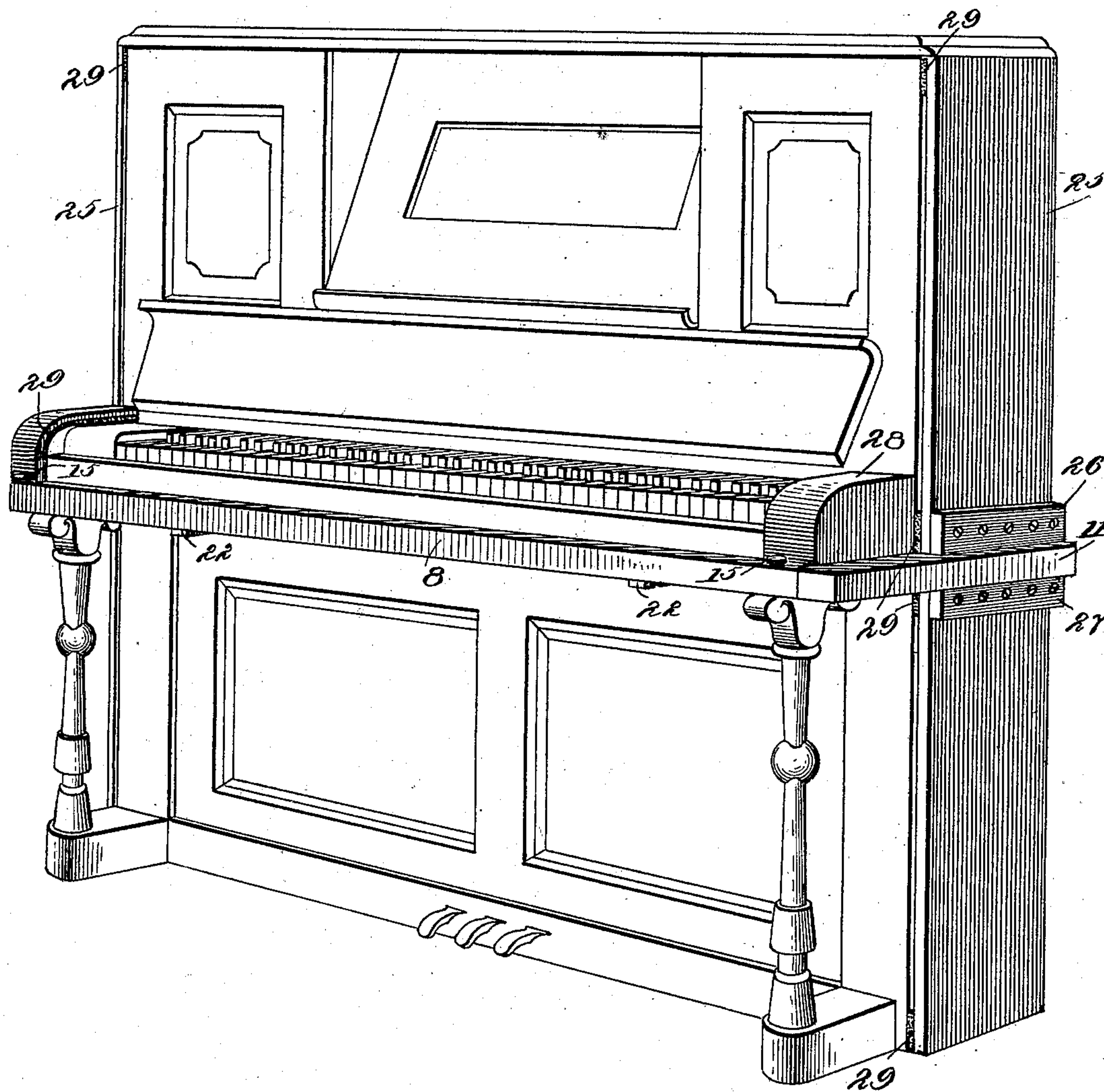
A. A. HUSEBY.
GUARD FOR PIANOS.

(Application filed May 28, 1901.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1.



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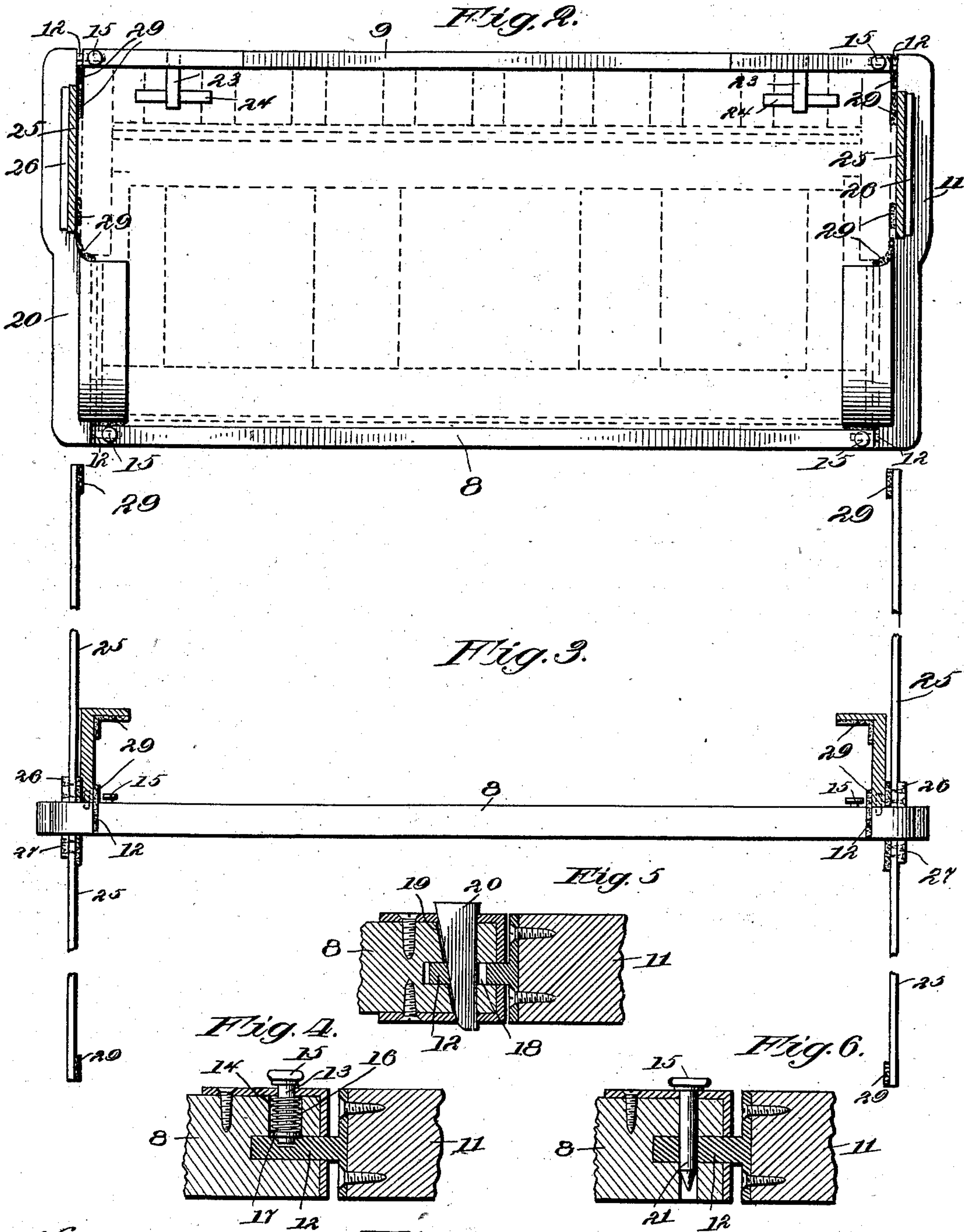
Patented Apr. 29, 1902.

A. A. HUSEBY.
GUARD FOR PIANOS.

(Application filed May 23, 1901.)

(No Model.)

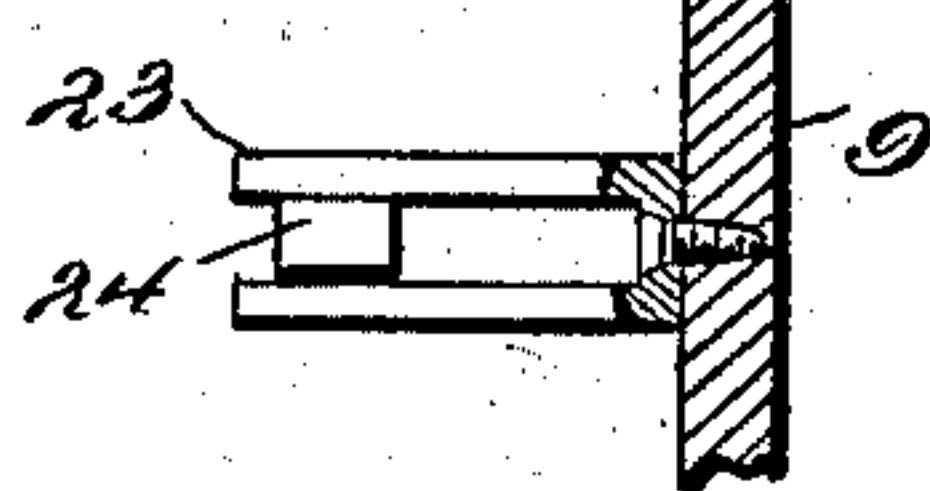
2 Sheets—Sheet 2.



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Fig. 7.



Inventor:

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UNITED STATES PATENT OFFICE.

ALBERT A. HUSEBY, OF CHICAGO, ILLINOIS.

GUARD FOR PIANOS.

SPECIFICATION forming part of Letters Patent No. 698,505, dated April 29, 1902.

Application filed May 23, 1901. Serial No. 61,548. (No model.)

To all whom it may concern:

Be it known that I, ALBERT A. HUSEBY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Guards for Pianos, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to guards for pianos and other articles of similar nature, and has for its object to produce a guard or protecting device for attachment to such articles prior to shipment or storage, so as to protect them from injury through contact with each other or with similar bodies.

It consists in an improved arrangement of frame adapted to be fitted to the piano in such manner as to form a protecting-ridge extending around it at about the level of the keyboard, such frame being so constructed as to be readily placed in position or removed.

It further consists in the combination of a protecting-frame with shields for the ends and cheek-pieces of the piano and in certain other improvements, which will be hereinafter pointed out.

What I regard as new will be set forth in the claims.

In the drawings, Figure 1 is a perspective view illustrating my improved guard. Fig. 2 is a plan view of the same, certain parts being in section. Fig. 3 is a front view, some parts being in section. Fig. 4 is a sectional view illustrating one form of connecting device for the parts of the guard. Figs. 5 and 6 are similar views showing modified devices for the same purpose, and Fig. 7 is a detail showing the supporting devices for the rear bar.

As illustrated in Figs. 1 and 2, the guard is composed of a rectangular frame which is adapted to be fitted to the piano in such manner as to encircle it slightly below the level of the keyboard, said frame being provided with end and cheek-piece shields. The frame is composed of a front piece or bar 8, a back piece 9, and end pieces 10 11, respectively. Said pieces are connected by dowel-pins 12, which fit into suitable sockets. In the drawings the end pieces 10 11 are shown as carrying the dowels, the sockets being in the front and back pieces 8 9; but this arrangement

may obviously be varied. Suitable fastening devices are carried by the socketed pieces for the purpose of locking the dowels in place when the members of the frame are fitted together.

In Fig. 4 the locking device is shown as consisting of a pin 13, fitted in a suitable socket 14 in the front and back pieces 8 or 9, as the case may be, said pin having a head 15, by which it may be moved into or out of engagement with the dowel 12, which is provided with a recess to receive the lower end of said pin. A spring 16 is placed on the pin 13, bearing against a collar 17 near the lower end of said pin and acting to exert inward pressure on said pin and hold it in engagement with the dowel. The dowel may be released by pulling out the pin 13.

In Fig. 5 the dowel-pin is shown as having a slot 18, the socketed member of the frame, as 8, having a slot 19, adapted to receive a wedge-shaped key 20, the arrangement being such that when the key 20 is driven into place it has a wedge action on the dowel-pin 12, moving it tightly into its socket and holding the members firmly together.

In the construction shown in Fig. 6 the locking is effected by a pin 21, which is similar to the pin 13, but is not provided with the spring 16 and may be entirely removed whenever the parts are to be separated.

The protecting-frame is supported in position by suitable supporting devices provided at the front and rear. At the front the bar 8 rests upon blocks 22, secured to the under side of the breast of the piano and projecting under the front piece. At the rear the frame is supported by forks 23, which are carried by the back piece 9 and project inward, as shown in Figs. 2 and 7, said forks being adapted to embrace the usual handle-pieces 24 with which pianos are commonly provided.

25 indicates end shields consisting of boards which are adapted to cover the ends of the body of the piano and which fit in notches in the end pieces. Said end shields are provided with cleats 26 27, which extend transversely thereof and are spaced apart a distance equal to the thickness of the end pieces 10 11, which fit between them and extend outside of said end shields, as shown in Figs. 1 and 2. By this construction the frame

serves to hold the end shields in place, and at the same time the end shields serve to support the ends of the frame. When the end pieces are separated from the front and back pieces, the end shields may also be detached.

The cheek-pieces of the piano are protected by cheek-shields 28, which are shaped to inclose the cheek-pieces on their upper and outer surfaces, as shown in Figs. 1, 2, and 3. Said cheek-shields are carried by the end pieces 10 11 and when said end pieces are put in position project over said cheek-pieces, as shown.

From the foregoing description it will be seen that the guard extends entirely around the piano, about midway of the height thereof, and by reason of its projection prevents other similar objects from coming into contact with the piano and that the ends and cheek-pieces of the piano are also fully protected. Where a number of pianos are similarly equipped, the guards of the different pianos are placed on the same level, so that they abut when the pianos are moved close together, preventing them from injuring each other. By making the guards of separable parts, as shown, not only are they more easily handled, but they may be conveniently packed for shipment, as it is desirable, owing to the fact that the guards are capable of being used a great many times, that they be returned to the factory repeatedly for reuse.

It will be understood that suitable felt pads are provided at the necessary points to prevent the parts of the guard from damaging the piano, such pads being illustrated in the drawings and marked 29.

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

1. A guard for pianos consisting of a frame adapted to encircle the piano substantially at the level of the keyboard, and means for removably supporting said frame in such position upon the piano.

2. A guard for pianos consisting of a frame adapted to encircle the piano substantially at the level of the keyboard and end shields for the ends of the piano, held in place by said frame.

3. A guard for pianos consisting of front

and back pieces, end pieces detachably secured to said front and back pieces, locking devices for securing said members together, and means carried by said back piece for supporting the same upon the piano, substantially as described.

4. A guard for pianos consisting of front and back pieces, end pieces detachably secured to said front and back pieces, locking devices for securing said members together, and inwardly-projecting forks carried by said back piece for supporting the same upon the piano, substantially as described.

5. A guard for pianos consisting of a frame adapted to encircle the piano substantially at the level of the keyboard and consisting of a plurality of removably-connected parts.

6. A guard for pianos consisting of a frame adapted to encircle the piano substantially at the level of the keyboard and end shields for said piano removably held in place by said frame.

7. A guard for pianos consisting of a frame adapted to surround the piano substantially at the level of the keyboard and cheek-shields carried by said frame adapted to cover the cheek-pieces of the piano.

8. A guard for pianos consisting of a frame adapted to surround the piano substantially at the keyboard, end shields for the ends of said piano and cheek-shields for the cheek-pieces of said piano, all of the shields being supported by said frame.

9. A guard for pianos consisting of a plurality of detachably-connected members adapted to embrace a piano and cheek-shields supported by certain of said members and removable with said members from the piano.

10. A guard for pianos consisting of a frame adapted to surround the piano substantially at the level of the keyboard and consisting of front and back pieces and end pieces detachably connected respectively to said front and back pieces and end and cheek shields carried by said end pieces.

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Witnesses:

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