Oct. 27, 1931. M. W. SHARMAN 1,829,065

PIANO KEY REFLECTING DEVICE

Filed Nov. 30, 1929

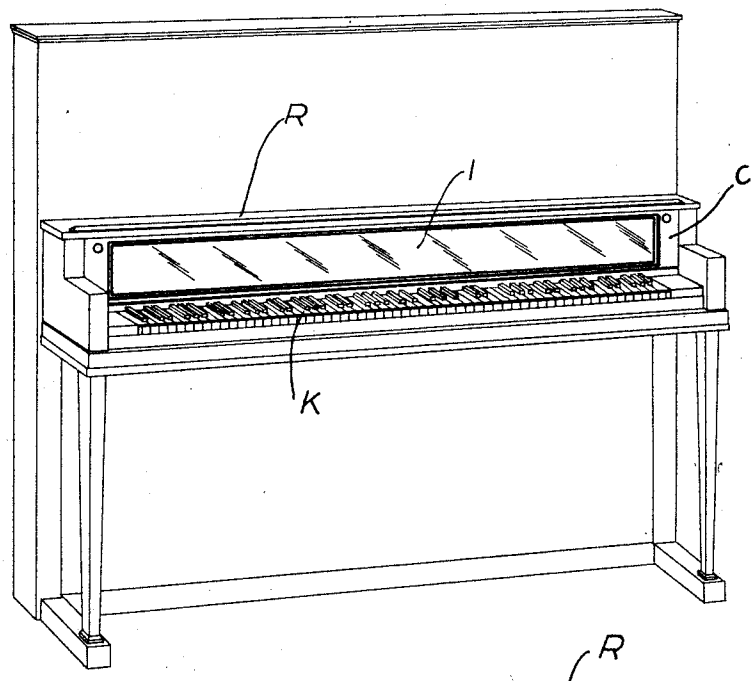


FIG. 1

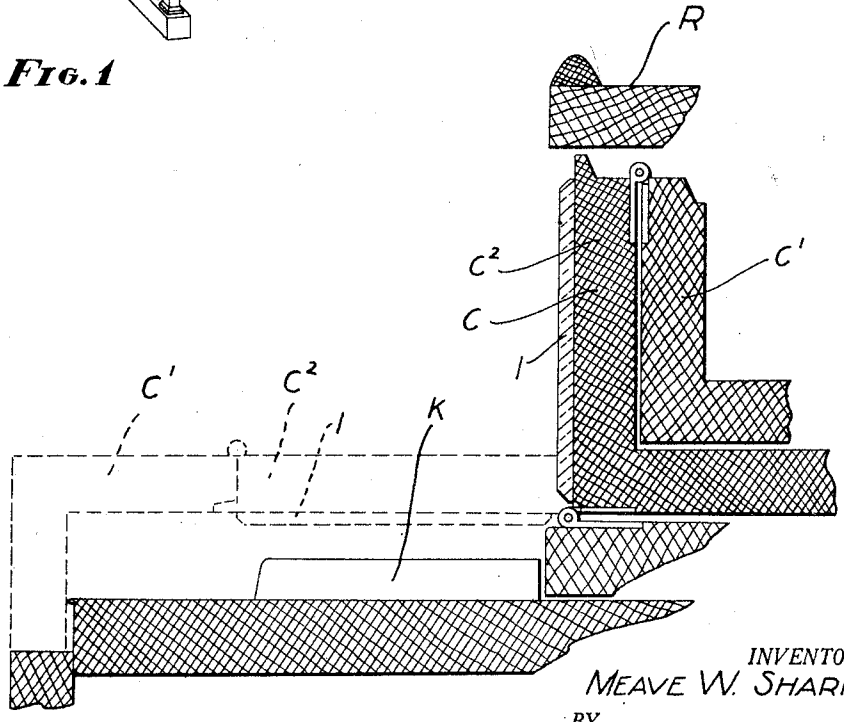


FIG. 2

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UNITED STATES PATENT OFFICE

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PIANO KEY REFLECTING DEVICE

Application filed November 30, 1929. Serial No. 410,690.

My invention relates to piano key reflecting devices, and the objects of my invention are: First, to provide a device of this class which facilitates the teaching of piano playing; second, to provide a device of this class which provides increased vision for the student or pupil to observe the hand, wrist, and arm position and movement; third, to provide a device of this class which does not interfere in any way with the use of the piano; fourth, to provide a device of this class which may be installed on any conventional piano, whether upright or grand; fifth, to provide a device of this class which will not scratch or mar readily, thereby forming a protecting plate for a portion of the piano which usually becomes scratched by the fingernails of a piano player, and sixth, to provide on a whole a novelly constructed device of this class which is extremely simple of construction proportional to its functions, durable, efficient in its action and which will not readily deteriorate or get out of order.

With these and other objects in view as will appear hereinafter, my invention consists of certain novel features of construction, combination and arrangement of parts and portions as will be hereinafter described in detail and particularly set forth in the appended claims, reference being had to the accompanying drawings and to the characters of reference thereon which form a part of this application, in which:

Figure 1 is a perspective view of a piano with my device shown in connection therewith; and Fig. 2 is an enlarged fragmentary sectional view of a piano with my device secured in position.

My device consists of a mirror 1, preferably of glass, which forms a panel above and behind the keys of the piano, as shown best in Fig. 1. In the conventional piano structure, the key cover C is made in two sections C1 and C2 and folds into a space back of the keys K and below the music rack R. With this type of a piano, my mirror is fastened to the surface of the cover section C2 of the cover which extends vertically just at the rear of the piano keys, as shown in Fig. 2.

When the keys are covered, the mirror is on the under side of the cover section C2, as shown by the dotted lines in Fig. 2 and protected from injury or from dirt and dust.

When the keys are uncovered and the mirror is at the rear of the piano keys, it is very easy for the student or pupil to observe the position or movement of his hands, wrists, and arms, by their reflection in the mirror.

The mirror preferably extends downwardly as close to the keys as possible and upwardly as close to the under side of the music rack as possible.

It is obvious from the construction as illustrated in the drawings and described in the foregoing specification that there is provided a piano key reflecting device as proposed and set forth in the objects of the invention; and though I have shown and described a particular construction, combination and arrangement of parts and portions, I do not wish to be limited to this particular construction, combination and arrangement, but desire to include in the scope of my invention the construction, combination and arrangement substantially as set forth in the appended claims.

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

1. The combination with the keys and key cover of a piano of a mirror securely fastened to said cover so as to form a panel above and adjacent to said keys when said cover is open.

2. In a piano, a frame, keys at the front side thereof, a key cover hinged at its back side to the frame and adapted to cover the keys, and a mirror rigidly secured to the under side of the cover and extending from end to end thereof and adapted, when the cover is open, to assume a vertical position at the rear portion of the keys.

3. In a piano, a frame, keys at the front side thereof, a key cover section hinged at one edge to the frame at the rear portion of the keys, a second key cover section hinged at one edge to the free edge of the first section, said sections adapted to be folded downwardly and to form a cover for the keys, the second section adapted to be folded back-

wardly over the first section and the first section adapted to be tilted backwardly and the normally bottom side thereof, when the cover is down, adapted to assume a vertical position, and a mirror rigidly secured to said inner side of the first cover section and adapted to assume a vertical position when the cover is open.

In testimony whereof, I have hereunto set my hand at San Diego, California, this 23d day of July, 1929.

MEAVE W. SHARMAN