

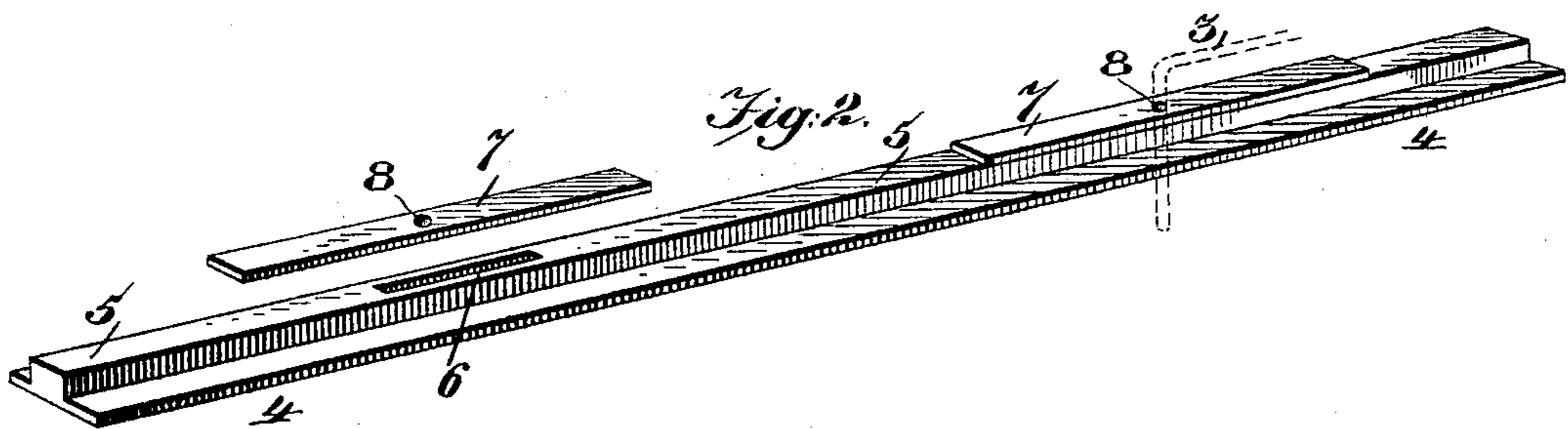
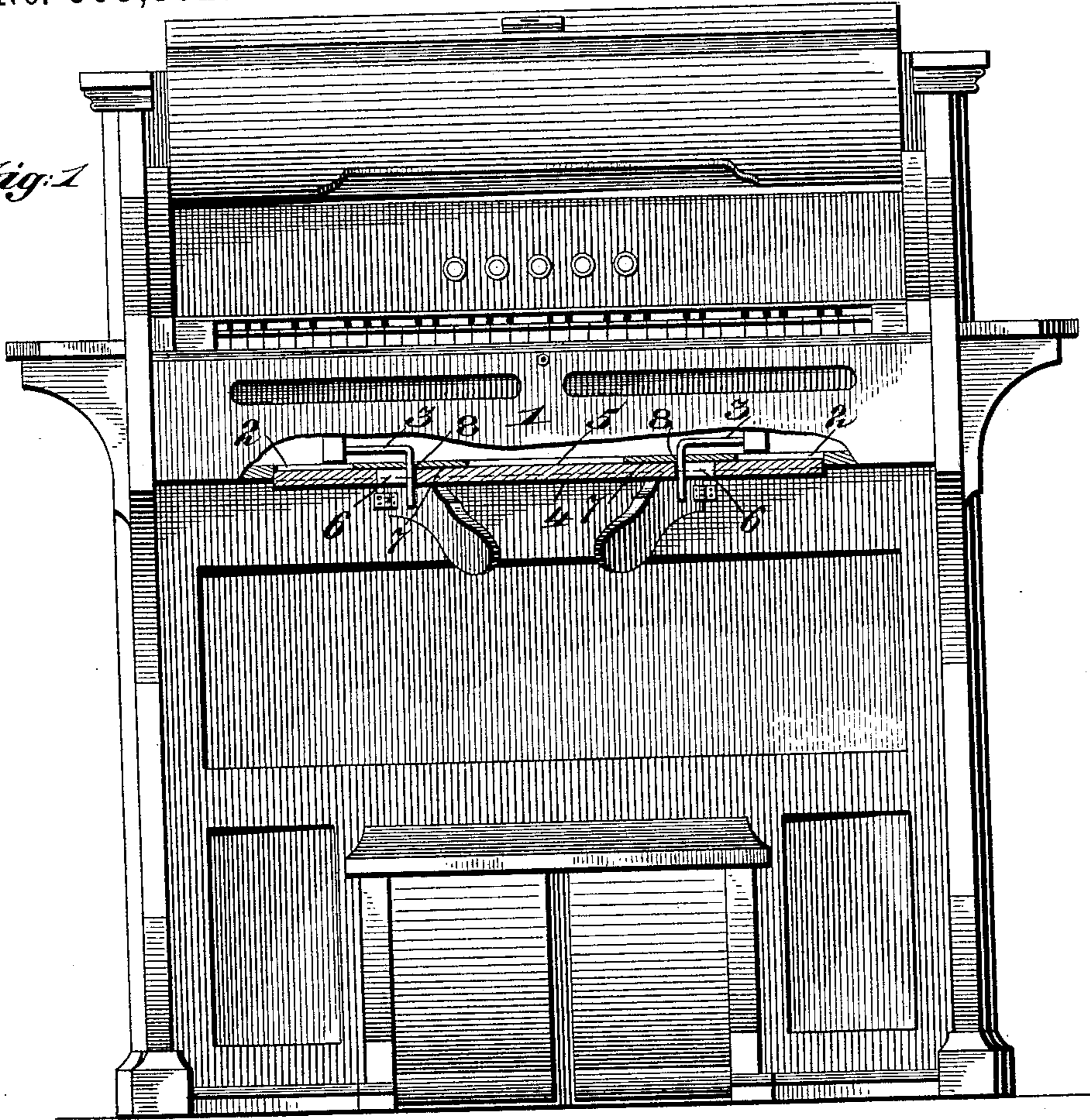
(No Model.)

S. R. OLIVER.
ORGAN PROTECTOR.

No. 593,382.

Patented Nov. 9, 1897.

Fig. 1



Inventor

Samuel R. Oliver

Witnesses

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UNITED STATES PATENT OFFICE.

SAMUEL R. OLIVER, OF MARTINDALE, TEXAS.

ORGAN-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 593,382, dated November 9, 1897.

Application filed January 18, 1897. Serial No. 619,635. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL R. OLIVER, a citizen of the United States, residing at Martindale, in the county of Caldwell and State of Texas, have invented a new and useful Organ-Protector, of which the following is a specification.

My invention relates to a vermin-guard consisting of an attachment for organs to prevent the entrance of vermin through the knee-swell slot.

The objects and advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a front view, partly in section, of an organ, showing a vermin-guard constructed in accordance with my invention applied in operative position there-
to. Fig. 2 is a detail view in perspective of the guard detached.

Similar numerals of reference indicate corresponding parts in both figures of the drawings.

1 designates a keyboard-frame having the usual slot 2, in which operates the knee-swell pins 3; and my invention consists in a device for closing this slot in the keyboard-frame without interfering with the movement of the knee-swells.

The attachment comprises a guard 4, provided with a longitudinal rib 5, which fits in the slot of the keyboard-frame, and in this guard are formed slots 6, of suitable length to allow the necessary movement of the knee-swell pins and approximately of the same width as said pins, and slides 7, arranged upon the inner side of the guard, covering the slots therein and provided with perforations 8, designed to closely fit in the knee-swell pins. These slides exceed in length the slots in the guard, and, being carried by the knee-swell

pins, permanently close said slots in all positions of the knee-swell pins without in any way obstructing the movement of the latter.

It will be understood that in the accompanying drawings I have shown only one embodiment of my invention as applied to an ordinary form of parlor-organ; but it is obvious that various changes in the form, proportion, and minor details of construction may be resorted to in adapting the same to instruments of different varieties without departing from the spirit or sacrificing any of the advantages of this invention.

Having described my invention, what I claim is—

1. An organ attachment having a slotted guard covering the slot through which knee-swell pins operate, and slides mounted upon said guard and provided with perforations to receive the knee-swell pins, whereby the slides are carried by the pins and permanently cover the slots in the guard, substantially as specified.

2. An organ attachment consisting of a guard provided with a rib to fit in a slot in an organ-keyboard through which the knee-swell pins operate, said guard being provided with slots approximately equal in width with said pins and corresponding in length with the throw thereof, and slides adapted to be carried respectively by the knee-swell pins and of greater length than said slots in the guard to permanently cover the same, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

SAMUEL R. OLIVER.

Witnesses:

J. J. ALLBRIGHT,
W. R. HADLEY.