

(No Model.)

F. M. MATTHEWS.
INSECT OR VERMIN GUARD FOR ORGANS.

No. 569,505.

Patented Oct. 13, 1896.

Fig. I.

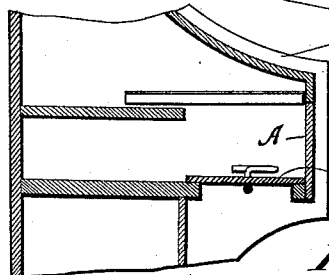
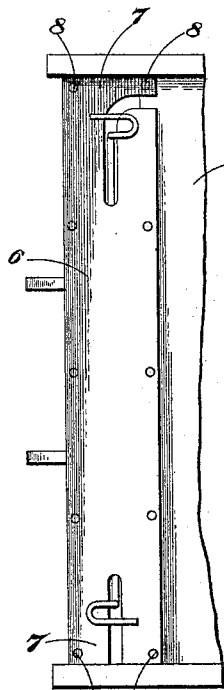
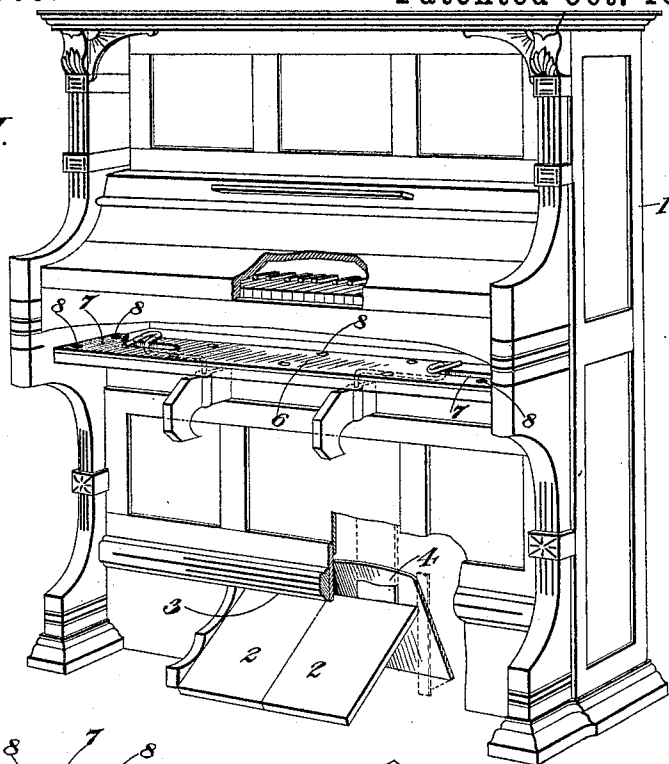
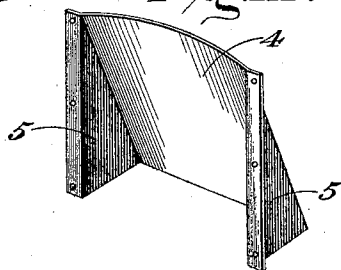


Fig. IV.

Fig. III.

Fig. II.



Witnesses

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FRANCIS M. MATTHEWS, OF CAMERON, MISSOURI.

INSECT OR VERMIN GUARD FOR ORGANS.

SPECIFICATION forming part of Letters Patent No. 569,505, dated October 13, 1896.

Application filed June 17, 1895. Serial No. 553,087. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS M. MATTHEWS, of Cameron, county of Clinton, and State of Missouri, have invented certain new and useful Improvements in Insect or Vermin Guards for Organs, of which the following is a specification, reference being had to the accompanying drawings.

The object of my invention is to provide perfect protection for organs against mice or insects at those open parts through which, without such protection, they might readily gain access to the interior mechanism and injure it.

My invention is applicable to that class of organs of which the subject-matter of the United States Patent No. 200,528 is an example; but it is likewise applicable to any organ constructed with a space under the keys between the front of the case and an adjacent part of the case or mechanism of the organ.

In the accompanying drawings, Figure I is a perspective view of an organ with some of the parts removed to show my protectors. Fig. II is a top plan view of a portion of the same, showing the key-guard. Fig. III is a view of the foot-guard removed. Fig. IV is a detailed sectional view of so much of my device as is necessary to illustrate the relation of the strip 6 to the organ.

Referring to the figures on the drawings, 1 indicates the organ body or frame.

2 indicates the pedals, and 3 the pedal-recess.

4 indicates a curved metallic piece secured within the pedal-recess beyond the pedals and having tapering sides 5, the forward edges of which are designed to be secured against the inner side of the front wall of the organ-frame, the parts 4 and 5 constituting a protective guard within the pedal-recess designed to prevent the entrance of vermin.

6 indicates a metallic or wooden strip of proper dimensions to entirely close the aper-

ture below the keys and between the front of the case and an adjacent part—for example, the front part A—which in various makes of organs may be either a part of the case or of the organ proper, the character of such part being non-essential to the applicability of my device, it being sufficient that its relation to the case of the organ leaves an opening through which mice or vermin might gain access to the vital parts of the instrument.

The strip 6 may be secured in place by tacks or brads or may be removably secured by any suitable means, as, for instance, by pins 8, designed to enter apertures in the ends of the strip. The strip is also provided with slots designed for the reception of the mechanism connected with the knee-swells of the organ and constitutes when in place an efficient vermin-guard which may be readily removed for purposes of inspection and which does not interfere with the manipulation of the organ.

What I claim is—

1. The combination with an organ-body, of a metallic strip having slotted ends and pins adapted to removably hold the strip above the opening beneath the keys, substantially as and for the purpose specified.

2. The combination with an organ-body of that class where a space is left beneath the keys and between the front of the case and the front board A, or like member, of a metallic strip entirely closing the space between those parts and provided with slots for the reception of the knee-swell mechanism, and means for removably securing the strip in place, substantially as specified.

In testimony of all of which I have hereunto subscribed my name.

FRANCIS M. MATTHEWS.

Witnesses:

JESSIE MATTHEWS,
DORA TOSFON.