

No. 872,090.

PATENTED NOV. 26, 1907.

W. H. SOWASH.
ATTACHMENT FOR REGISTERS.
APPLICATION FILED JULY 6, 1907.

Fig. 1.

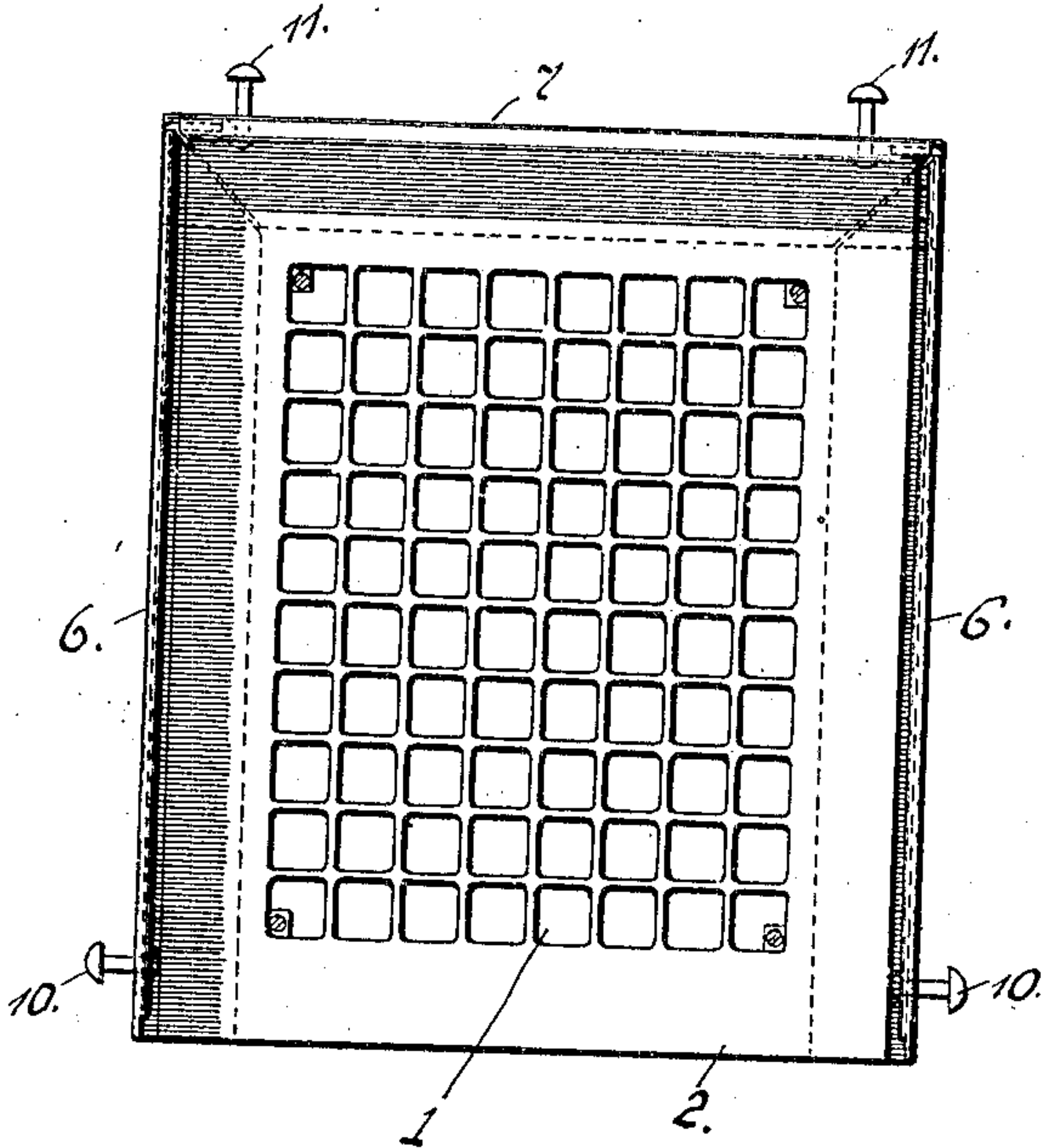


Fig. 2.

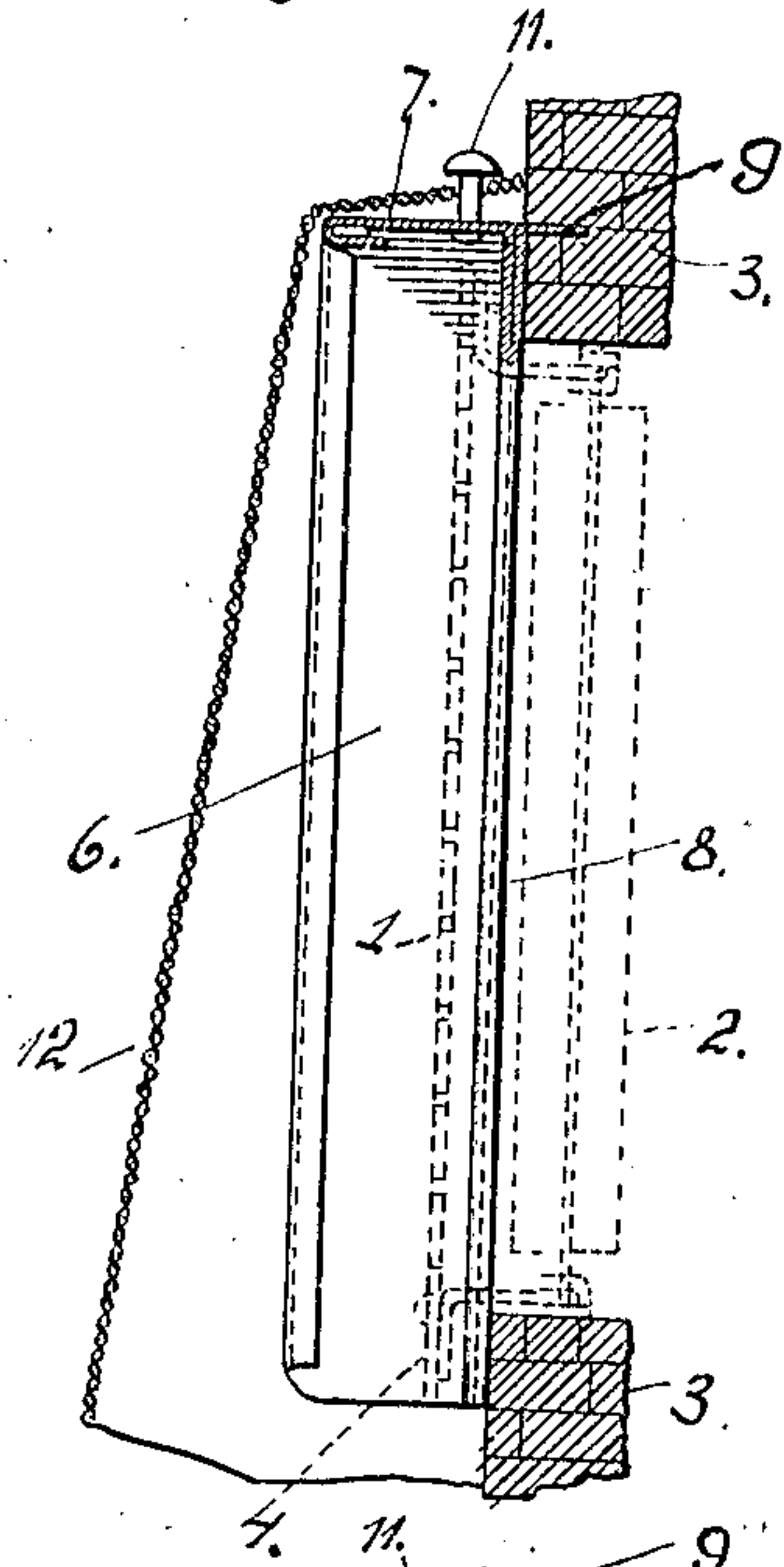


Fig. 3.

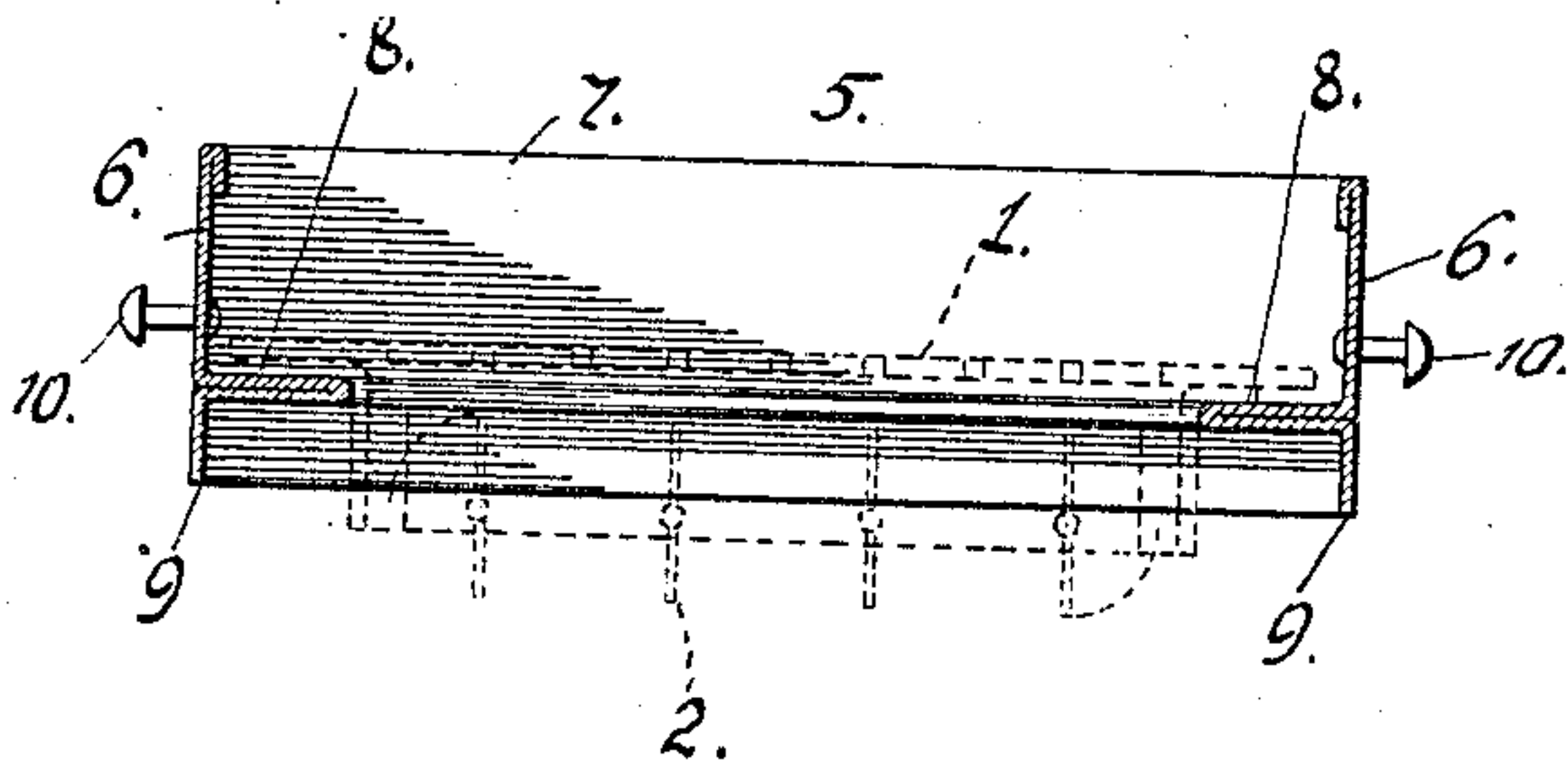
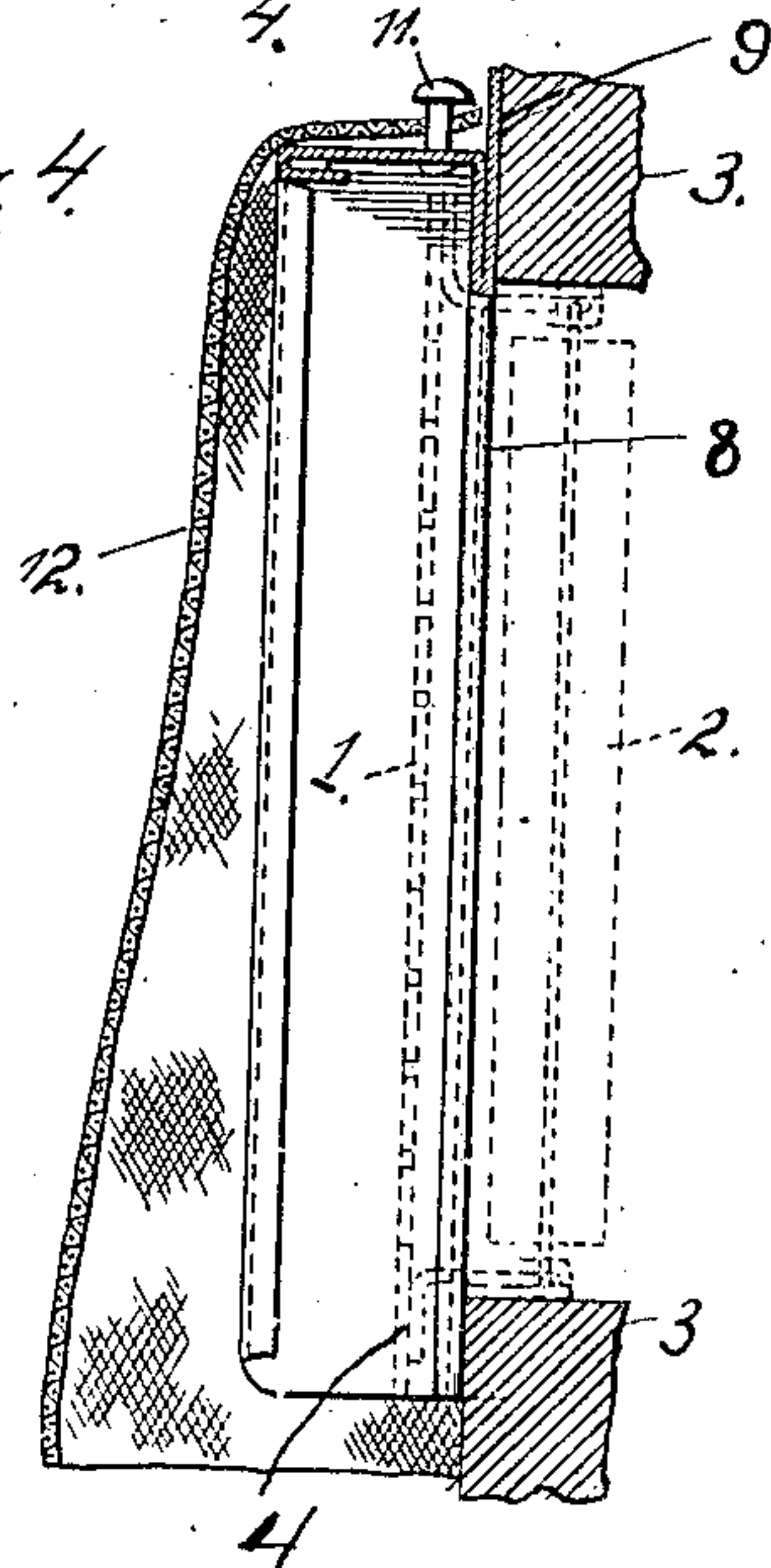


Fig. 4.



Witnesses:
A. H. Radsag,

N. A. Butler

W. H. Sowash, Inventor.

by: H. E. Smith & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM H. SOWASH, OF McKEESPORT, PENNSYLVANIA, ASSIGNOR OF NINE-TWENTIETHS
TO JAMES A. PENNY, OF McKEESPORT, PENNSYLVANIA.

ATTACHMENT FOR REGISTERS.

No. 872,090.

Specification of Letters Patent.

Patented Nov. 26, 1907.

Application filed July 6, 1907. Serial No. 382,538.

To all whom it may concern:

Be it known that I, WILLIAM H. SOWASH, a citizen of the United States of America, residing at McKeesport, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in an Attachment for Registers, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to attachments for registers, and the invention has for its object to provide a simple and inexpensive device that can be easily and quickly attached to the register of a compartment, for preventing dust and impurities from entering a compartment with the hot air passing from the register.

My improved attachment or device can be constructed in the wall of a building when the register is placed therein, or can be attached to a register that has already been set.

The detailed construction entering into my invention will be presently described, and then specifically pointed out in the appended claims.

In the drawings, Figure 1 is a front elevation of the attachment as carried by a register. Fig. 2 is a vertical-sectional view of the attachment illustrating the register in dotted lines. Fig. 3 is a horizontal sectional view of the attachment, and Fig. 4 is a vertical sectional view of a modification.

In the accompanying drawings, 1 designates a register of a conventional form having adjustable shutters 2 for controlling the passage of hot air through the register. The register is generally supported in a wall 3, the flanges 4 of the register engaging the side of the wall 3.

My attachment consists of a frame 5 having side rails 6 and a top rail 7. The rails 6 and 7 are formed with inwardly projecting flanges 8 adjacent to their rear edges 9. Laterally-projecting pins 10 are carried by the lower ends of the side rails 6, while the rail 7 is provided with upwardly extending pins 11, the pins 10 and 11 supporting a detachable apron or cover 12 adapted to loosely hang in front of the attachment. The flanges 8 are adapted to fit between the flanged edges 4 of the register and the wall 3, the rear edges 9 of the attachment being housed in the wall and the material of the wall 3 placed between the sides of the regis-

ter and the edges of the attachment, whereby dust or dirt cannot pass through the connection of the attachment with the register.

When the attachment is to be placed in engagement with a register that has already been installed, the edges 9 of the attachment can be bent outwardly, as illustrated in Fig. 4 of the drawings, whereby the attachment can be moved down over the register, the flanges 8 engaging behind the flanged edges 4 of the register. However, when the attachment is secured to a register, the apron or cover 12 will shield the same when the hot air is shut off, and will collect dirt and dust carried through the register when the same is open and hot air is passing therefrom.

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

1. An attachment for registers for the purpose set forth comprising a frame formed of a plurality of flat rails extending at right angles with respect to the register, said frame embodying an inwardly-extending flange positioned at a point removed from the inner edge of each of said rails, said flange being adapted to abut against the support to which the register is attached, and said rails adapted to extend into the support to which the register is attached, certain of said rails being provided with laterally-extending pins and another of said rails being provided with vertically-extending pins, and a cover connected with the frame by said pins whereby the dirt and dust carried through the register is arrested without cutting off the escape of hot air.

2. An attachment for registers for the purpose set forth, comprising a frame formed of a plurality of flat rails extending at right angles with respect to the register, said frame embodying an inwardly-extending flange positioned at a point removed from the inner edge of each of said rails, said flange being adapted to abut against the support to which the register is attached, certain of said rails being provided with laterally-extending pins, and another of said rails being provided with vertically-extending pins, and a cover connected with the frame by said pins whereby the dirt and dust carried through the register is arrested without cutting off the escape of hot air.

3. An attachment for registers for the purpose set forth comprising a frame formed of

a plurality of flat rails extending at right angles with respect to the register, said frame embodying an inwardly-extending flange positioned at a point removed from the inner
5 edge of each of said rails, said flange being adapted to abut against the support to which the register is attached, each of said rails further having the outer edge thereof inturned, certain of said rails being provided
10 with laterally-extending pins, and another of said rails being provided with vertically-

extending pins, and a cover connected with the frame by said pins whereby the dirt and dust carried through the register is arrested without cutting off the escape of hot air. 15

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

WILLIAM H. SOWASH.

Witnesses:

GEORGE N. JONES,
M. C. YOUNG.