

No. 888,911.

PATENTED MAY 26, 1908.

O. E. LAMBERSON.
SASH LOCK.

APPLICATION FILED APR. 11, 1907.

2 SHEETS—SHEET 1.

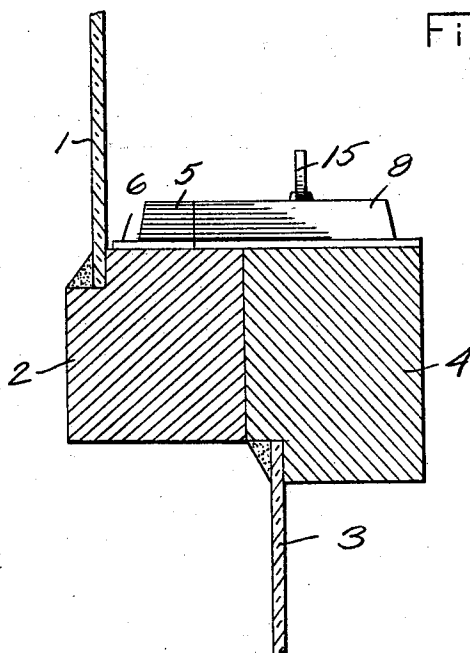
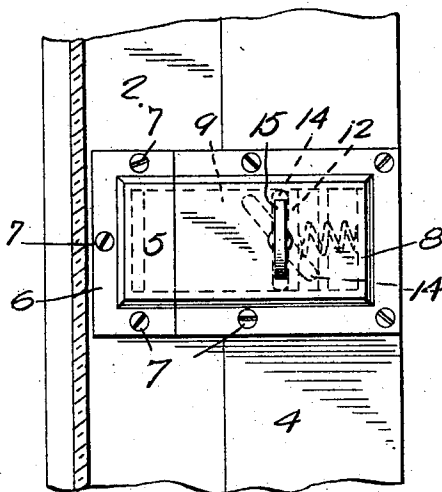


Fig. 2.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 3.

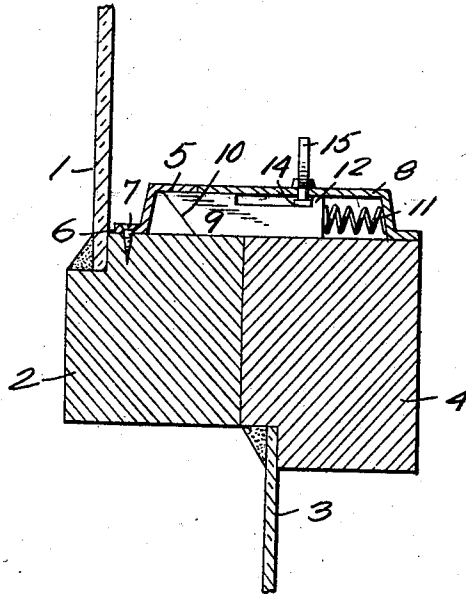
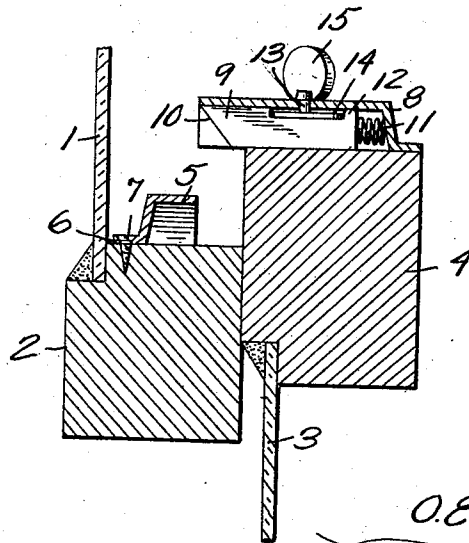


Fig. 4.



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UNITED STATES PATENT OFFICE.

OSCAR E. LAMBERSON, OF HAZLETON, PENNSYLVANIA.

SASH-LOCK.

No. 888,911.

Specification of Letters Patent.

Patented May 26, 1908.

Application filed April 11, 1907. Serial No. 367,575.

To all whom it may concern:

Be it known that I, OSCAR E. LAMBERSON, a citizen of the United States, residing at Hazleton, in the county of Luzerne, State of Pennsylvania, have invented certain new and useful Improvements in Sash-Locks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to new and useful improvements in sash locks and it has particular reference to a sash lock embodying an automatically closing bolt for engagement in a keeper provided on an opposing sash and manually operated means for moving said bolt from said keeper.

In connection with a device of the above type the invention has for its object to provide a novel construction, combination and arrangement of parts, the details of which will appear in the course of the following description, in which reference is had to the accompanying drawings, forming a part of this specification, like characters of reference designating similar parts throughout the several views, wherein:

Figure 1 is a side elevation showing upper and lower sashes locked against movement by the fastening means embodied in the present invention, and which is applied to the meeting rails thereof. Fig. 2 is a top plan view of the meeting rails with the present invention applied thereto, the unlocked position of the bolt being shown by dotted lines. Fig. 3 is a central longitudinal section thereof, with the sashes engaged, and, Fig. 4 is a similar view with the sashes released.

Referring specifically to the accompanying drawings, the numeral 1 designates the upper sash having the lower rail 2, and the numeral 3 designates the lower sash having the top rail 4, which in the respective normal positions of the sashes is juxtaposed with relation thereto. The rail 2 carries a keeper 5 open at its inner end and constructed with horizontal flanges 6 extending about three edges thereof, and secured by screws, or other fastening means 7 to said rail. It is to be particularly noted that the keeper 5 terminates at a distance from the inner longitudinal edge of said rail. The rail 4 carries a bolt casing 8 similar in construction to the keeper 5, but of greater length. The casing 8 pro-

jects beyond the inner longitudinal edge of the rail 4 and overlies the rail 2, thereby bridging the space between said rails to prevent the insertion of a tool or surreptitious or mischievous manipulation of the bolt. Such bolt is designated by the numeral 9 and has its front edge bevel as at 10 to ride over the keeper 5 in the well known manner. The bolt 9 is mounted for sliding adjustment in the casing 8 and is normally forced downwardly by a suitably secured expansive coil spring 11 which is imposed between the rear end wall of the casing 8, and the rear end of the bolt. The bolt 9 is formed on its upper surface with a recess, the rear wall of which affords a transverse rib or lug 12, and a stem 13 is mounted for rotation on the top of the casing 8, said stem 13 having angular projections 14 disposed in said recess on each side of its lower end which engage the rib 12 upon rotation of said stem in either direction to force the bolt 9 rearwardly. On its upper end the stem 13 carries a finger piece 15, by means of which said stem may be rotated to effect the operation above made.

From the foregoing description it will be seen that simple and efficient means are provided for accomplishing the objects of the invention, but, while the elements herein shown and described are well adapted to serve the functions set forth, it is obvious that various minor changes may be made in the proportions, shape and arrangement of the several parts without departing from the spirit and scope of the invention as defined in the appended claims.

What is claimed is:

A sash lock of the type set forth comprising in combination with the meeting rails of the upper and lower sashes, of a keeper carried by the rail of the upper sash and having an open inner end, a bolt casing carried by the rail of the lower sash and having an open end confronting said keeper, a bolt in said casing having a beveled front face, said bolt being movable longitudinally of said keeper and in its retracted position being disposed wholly within the same, an expansible coil spring interposed between the rear wall of said casing and the rear end of said bolt, said bolt being formed at its upper face with a recess, the rear wall of said recess affording a substantially raised continuous transverse rib or lug, a stem mounted in the top wall of said casing for partial rotation and carrying

on its upper end a finger piece and on its lower end angularly oppositely extended projections on each side thereof and disposed within said recess, said projections being
5 formed upon rotation of said stem to engage said rib or lug and to force said bolt rearwardly against the tension of said spring.

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

OSCAR E. LAMBERSON.

Witnesses:

FRANK KOENIG,
LILLIAN SAUNDERS.