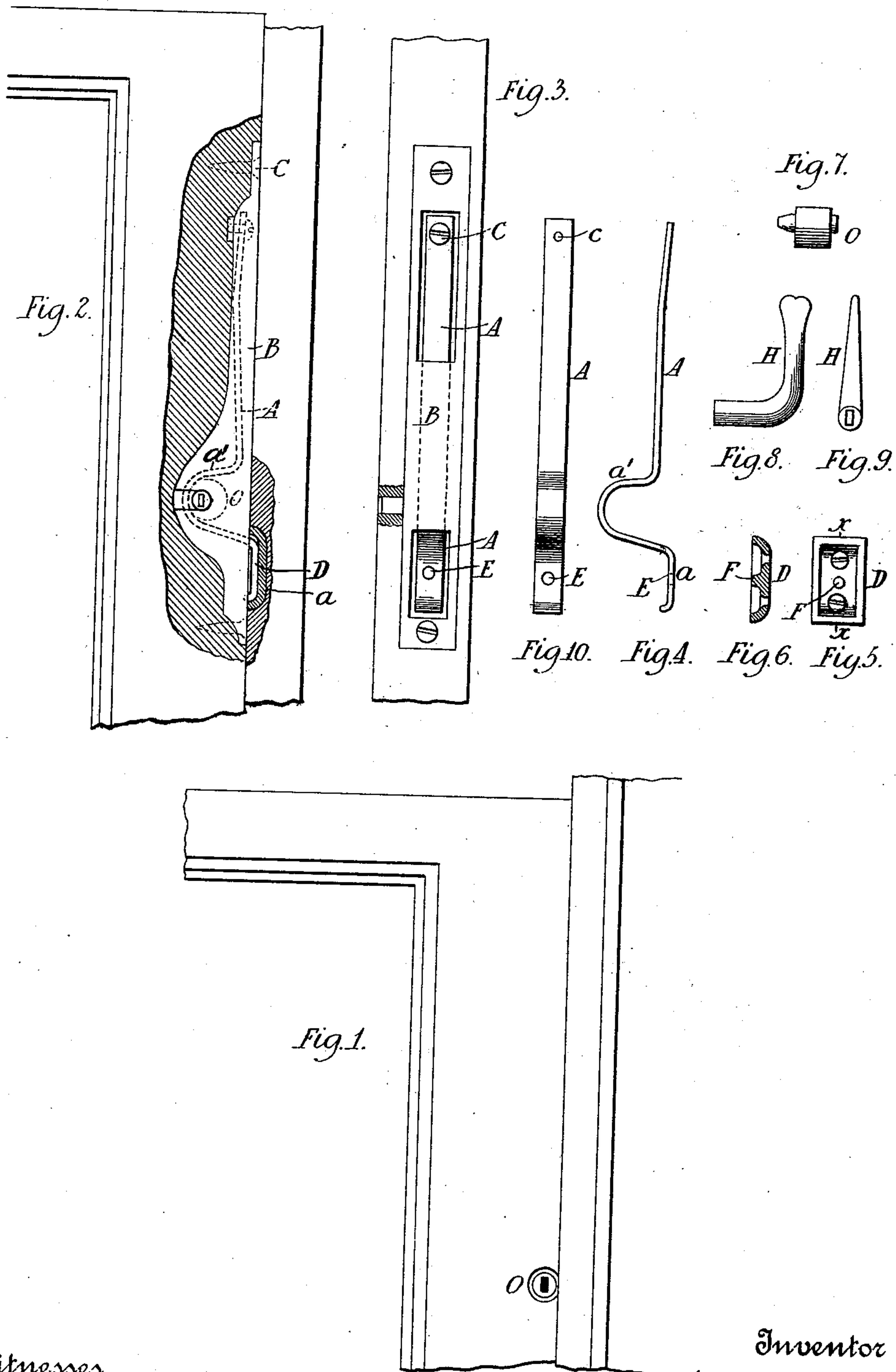


(No Model.)

A. A. VEER.
SASH LOCK.

No. 562,104.

Patented June 16, 1896.



Witnesses

S. E. Zimmerman
W. J. Norton

Inventor

Andrew A. Veer

By James James
his Attorney

UNITED STATES PATENT OFFICE.

ANDREW A. VEER, OF DELAWARE, OHIO.

SASH-LOCK.

SPECIFICATION forming part of Letters Patent No. 562,104, dated June 16, 1896.

Application filed May 15, 1893. Serial No. 474,208. (No model.)

To all whom it may concern:

Be it known that I, ANDREW A. VEER, a citizen of the United States, residing at Delaware, in the county of Delaware and State of Ohio, have invented a new and useful Sash-Lock and Ventilator, of which the following is a specification.

My invention relates to sash-locks, and has for its object the production of a sash-lock by which the sash may be securely locked or fastened in any desired position without danger of accidental or unauthorized release, and by which the sash may be left partly raised for ventilation but securely locked in such raised condition.

My invention consists in the construction, relative arrangement, and operation of the several parts of the improved sash-lock, all of which will fully and clearly appear from a reading of the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a front elevation of a portion of a sash, showing my improved lock applied. Fig. 2 is a front elevation of the sash, partly in section, to illustrate my invention, which is shown applied and while locking the sash. Fig. 3 is an edge view of the sash, showing my improved lock applied. Figs. 4 and 10 are respectively side and front views of the spring-lock detached. Figs. 5 and 6 are respectively a front view and a sectional view on line $x y$ of Fig. 5 of the locking-plate for the window-frame. Fig. 7 is a detail view of the cam or eccentric for releasing the sash. Figs. 8 and 9 are respectively side and end views of the key employed to operate the cam.

Referring to the drawings by letter, A denotes the spring which forms the lock proper, and which is secured at its upper end to a suitable plate B, which is set into the edge of the sash, a screw C being employed and which is passed through an aperture c in said spring. The spring A has its extreme lower end offset, as at a , to allow said end to normally enter the window-frame and is, a short distance above said end or offset, reversely

or oppositely offset, as at a' , which latter offset is let into the sash.

O is a cam or eccentric mounted in the plate B and adapted to engage the offset a' of the spring A, and, when suitably manipulated, to retract the offset a of said spring from the window-frame in unlocking the sash.

One of the bearings of the cam terminates in a rectangular end, which is exposed, as shown in Fig. 1, in order that a suitable key, as H, may be inserted and turned to rotate the cam.

In the side of the window-frame is secured a locking-plate D, which has centrally a lug F. The depression in this plate and the lug are so formed and arranged as to receive the lower end offset a of the spring snugly, the lug entering an aperture E in said spring, as shown.

I have shown in the drawings but one plate D, but it is evident that more than one may be employed, as the sash may be locked when entirely closed or when raised slightly for the purposes of ventilation.

I claim as my invention—

In a sash-lock, the combination of the locking-plate having the central lug or projection, the spring, the upper end of which is fixed to the sash, having at its extreme lower end an offset adapted to enter the window-frame and engage the lug or projection of said locking-plate, and having a short distance above said end or offset, a reversely or oppositely arranged offset let into the sash, and the cam or eccentric adapted to engage or act upon the latter offset and retract the aforesaid offset from the window-frame and disengage it from the lug or projection of said locking-plate, substantially as set forth.

Witness my hand, at Delaware, Delaware county, Ohio, this 12th day of May, A. D. 1893.

A. A. VEER.

Witnesses:

HENRY S. CULVER,
ARTHUR CURREN.