

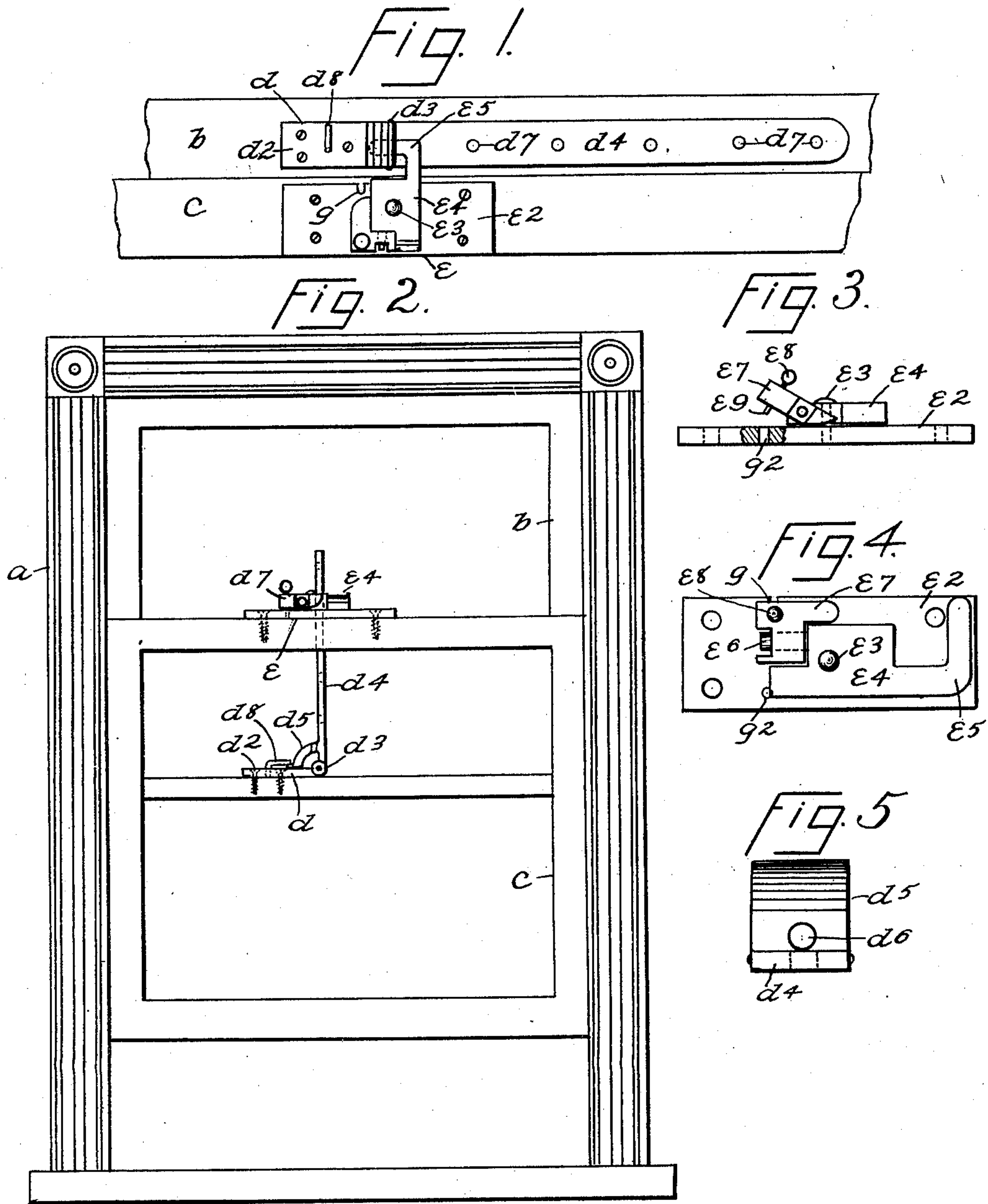
No. 711,258.

Patented Oct. 14, 1902.

L. PETRACCIONE.
LOCK AND ADJUSTER FOR WINDOW SASHES.

(Application filed Mar. 25, 1902.)

(No Model.)



WITNESSES

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LOCK AND ADJUSTER FOR WINDOW-SASHES.

SPECIFICATION forming part of Letters Patent No. 711,258, dated October 14, 1902.

Application filed March 25, 1902. Serial No. 99,968. (No model.)

To all whom it may concern:

Be it known that I, LOUIS PETRACCIONE, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Locks and Adjusting Devices for Window-Sashes, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide improved means for locking the sashes of a window together and also for adjusting the same to different positions, so as to provide for ventilation; and with this and other objects in view the invention consists in a device of the class specified constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by the same reference characters in each of the views, and in which—

Figure 1 is a plan view of the bottom part of the upper sash and the upper part of the lower sash of a window provided with my improvement; Fig. 2, a front view of a window-frame, showing the sashes mounted therein and provided with my improvement; Fig. 3, a front view of that part of my improvement connected with the lower sash; Fig. 4, a plan view thereof, and Fig. 5 a right-hand end view of that part of my improvement connected with the upper sash.

In the drawings forming part of this specification I have shown at *a* a window-frame in which are placed the upper and lower sashes *b* and *c*, and in the practice of my invention I provide a device for locking the sashes together either in the closed or in an open position, and whereby the sashes may be locked in the closed position, so as to prevent the opening thereof under any circumstances, and whereby the sashes may be locked together in an open position, so that either one or both may be raised or lowered for ventilation purposes.

My improved sash-locking device comprises two parts *d* and *e*, the first of which is secured to the bottom of the upper sash and the other to the top of the lower sash. The

part *d* consists of a plate *d*², which is secured to the bottom part of the upper sash by screws or in any preferred manner, and hinged to this plate at the right-hand end thereof, as shown at *d*³, is an arm *d*⁴, provided with a supplemental flat arm *d*⁵, integrally connected therewith near the bottom thereof and which is curved to the left and downwardly, as clearly shown in Fig. 2.

The supplemental arm *d*⁵ is provided with a hole *d*⁶, and the arm *d*⁴ is also provided with corresponding holes *d*⁷, any desired number of which may be employed, and the plate *d*² is provided with a transverse shoulder or projection *d*⁸, as shown in Fig. 1.

The part *e* of the sash lock or fastening device comprises a plate *e*², adapted to be secured to the top portion of the bottom sash by screws or otherwise, and pivoted thereto at *e*³ is a plate *e*⁴, having an angular arm *e*⁵, which projects to the right-hand end of said plate *e*⁴ when the parts are in the position shown in Fig. 4, and pivoted or hinged to the plate *e*⁴ at *e*⁶ is a supplemental plate *e*⁷, provided with a knob or handle *e*⁸ on the top thereof and with a downwardly-directed locking-pin *e*⁹. The plate *e*² is also provided at its rear edge with a notch or recess *g* and near its front edge with a hole *g*², both of which are adapted to receive the locking-pin *e*⁹.

The operation of the device will be readily understood from the foregoing description when taken in connection with the accompanying drawings and the following statement thereof. In order to lock the sashes in the closed position, the arm *d*⁴ is allowed to rest on the bottom portion of the upper sash, as shown in Fig. 1, and the plate *e*⁴ is turned so that the angular arm or finger *e*⁵ will pass through the hole or opening *d*⁶ in the supplemental arm *d*⁵, and in this position of the parts the said supplemental arm *d*⁵ abuts against the shoulder or projection *d*⁸ of the plate *d*⁴ on that part of the device which is secured to the upper sash. In this position of the parts the locking-pin *e*⁹ passes into the hole *g*² in the plate *e*² and the sashes are securely locked together and cannot be unlocked without raising the plate *e*⁷. When it is desired to unlock the sashes, the plate *e*⁷ is raised by means of the knob or handle *e*⁸, and

- the plate e^4 is turned into the position shown in Fig. 4, and in this position of the parts the locking-pin e^9 passes into the notch or recess g in the plate e^2 . In this position of the separate parts of the device the sashes may both be moved in the usual manner, and whenever it is desired to adjust the sashes or to open one or both of them for ventilation or other purposes the arm d^4 is raised into a vertical position, as shown in Fig. 2, and the upper sash lowered or lower sash raised and the plate e^4 turned, so that the angular arm or finger e^5 will pass through one of the holes d^7 in the arm d^4 .
- 15 By means of the arm d^4 and the angular finger or arm e^5 the sashes may be locked at any desired point and either or both of said sashes may be opened, as will be readily understood.
- 20 This device is simple in construction and operation and perfectly adapted to accomplish the result for which it is intended, and changes in and modifications of the parts herein shown and described may be made
- 25 without departing from the spirit of my invention or sacrificing its advantages.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A sash-lock comprising two parts, one of which is adapted to be secured to the bottom of the upper sash and the other to the top of the lower sash, that part which is secured to the upper sash being provided with a hinged arm adapted to be raised into a vertical position and having longitudinally - arranged holes therein, said arm being provided near its lower end with a laterally-curved supplemental arm which is also provided with a hole or opening, and that part which is adapted to be secured to the lower sash being provided with a pivoted plate having an angular finger at one end adapted to enter the holes in said arm and supplemental arm, said last-named plate being also provided with a pivoted lock-plate having a downwardly-directed pin adapted to enter holes or openings in that part of the device secured to the lower sash, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 19th day of March, 1902.

LOUIS PETRACCIONE.

Witnesses:

F. F. TELLER,
F. A. STEWART.