

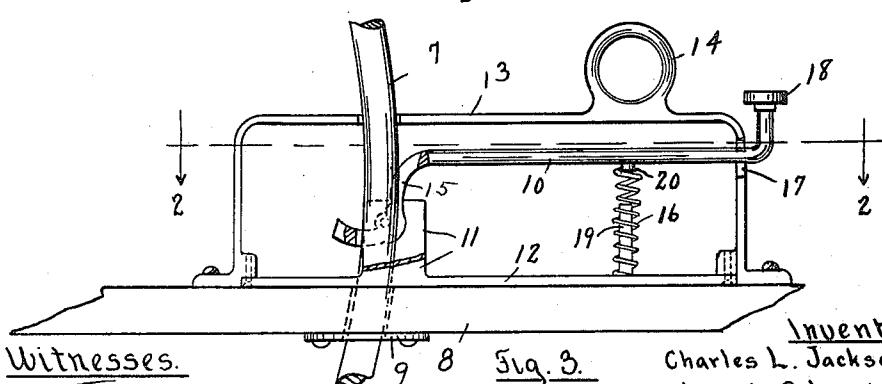
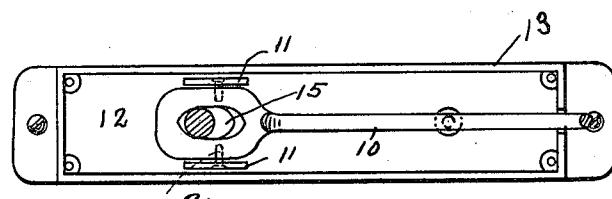
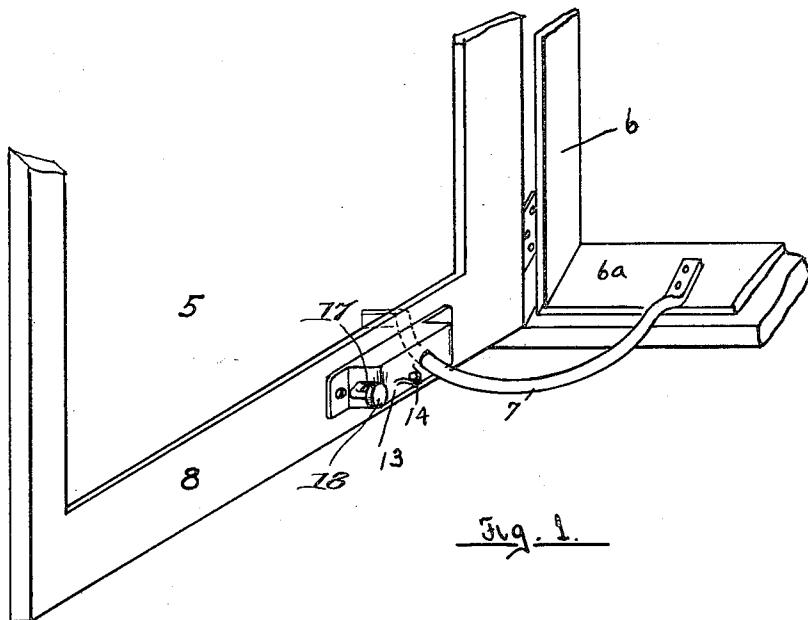
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CASEMENT WINDOW FASTENER.

APPLICATION FILED MAY 20, 1912.

1,069,429.

Patented Aug. 5, 1913.



Witnesses.

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UNITED STATES PATENT OFFICE.

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CASEMENT-WINDOW FASTENER.

1,069,429.

Specification of Letters Patent.

Patented Aug. 5, 1913.

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To all whom it may concern:

Be it known that we, CHARLES L. JACKSON and LEONEL G. LIENHARD, both citizens of the United States, residing at Del Mar, 5 in the county of San Diego and State of California, have invented new and useful Improvements in Casement-Window Fasteners, of which the following is a specification.

The object of our invention is to provide 10 simple and ornamental automatic means for holding a casement window in any desired position. We accomplish this object by the device described herein and illustrated in the accompanying drawings in which:

15 Figure 1 is a perspective view of a fragment of a casement window equipped with our improved device. Fig. 2 is a plan view on the line 2—2 of Fig. 3. Fig. 3 is an enlarged side elevation with parts broken away 20 for clearness of illustration.

In the drawings 5 is a casement window which is hinged to the jamb 6 in the usual manner. A half circle 7 preferably of heavy wire or light rod is passed through a hole 25 in the lower rail 8 of the sash and the ends thereof are secured to the window sill 6^a and the wall at such points that the window is free to swing on its hinges. This rod may be of any shape in cross section but is preferably round and may be plated and forms the detent rod of the fastener. On the outside of the rail is a dust shield 9 which fits the rod closely thereby covering up any imperfections in the rail made by boring the 30 hole in the rail for the detent rod and keeping out dust and rain. On the inner side of the rail is the catch which coöperates with the detent rod to hold the window in the desired position. This catch is composed of a locking lever 10 which is pivotally mounted by pintles 11^a which project from ears 11 mounted on the base plate 12. These pintles are at one side of the center of rod 7 when positioned, thereby mounting lever 10 eccentrically as to rod 7. The base plate is held positioned in the outer casing 13 by screws. Casing 13 has a ring 14 thereon which forms a window pull. The detent rod passes through holes in the casing and in the 40 base plate. The inner end of lever 10 has an elongated hole 15 therein the inner end of which ends in an oval or wedge shaped point, which is adapted to grip and hold the

rod when the outer end of the lever is pressed away from the rail by spring 16 as best 55 shown in Figs. 2 and 3. The outer end of lever 10 passes through a slot 17 in the end of casing 13. This slot limits the movement of lever 10 toward the rail to release the inner end of the lever from rod 7. 60

The outer end of lever 10 has a thumb piece 18. From its mounting in bearing 11 lever 10 turns outwardly away from the rail and then parallel thereto. Hole 15 extends to this last turn. 65

As shown in Figs. 2 and 3 lever 10 is mounted in its bearings eccentric to rod 7 so that upward pressure on the outer end of the rod will lock the lever to rod 7. A stem 19 secured to the base plate and a stem 20 on lever 10 keep spring 16 positioned. By pressing the outer end of lever 10 toward the rail the inner end of the lever is released from rod 7, when the window can be swung to the desired position. By releasing the 75 pressure on lever 10 it automatically locks the window in its adjusted position.

Having described our invention what we claim is:

1. A casement window fastener comprising 80 a casing, said casing having a hole in the top and another in the end; a base plate for said casing, said base plate having a hole therein opposite the hole in the top of the casing; ears having pintles secured thereto 85 mounted on said base plate; a locking lever having an elongated hole therein, said hole terminating in oval points, said lever being mounted in said casing by said pintles and passing through the hole in the end of the 90 casing; a semicircular detent rod passing through the hole in the top of the casing, through the hole in the lever, and through the hole in the base plate; and a spring mounted on the base plate and bearing 95 against the lever to force it away from the plate.

2. In combination a casement window having a hole in the lower rail thereof; a casement therefor; a semicircular detent rod secured to the window sill at one end and to the wall at the other end and passing through the hole in the window rail; a locking lever having an elongated hole near its inner end, said hole terminating in oval ends, 105 said lever being slidable on said detent rod

the rod passing through the elongated hole, said lever being mounted with the inner end of the hole eccentric to the detent rod; a spring bearing against the outer end of the locking lever and holding it spring pressed away from the window; and a casing covering the inner portion of the lever.

5 In witness that we claim the foregoing

we have hereunto subscribed our names this 8th day of May, 1912.

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Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."