

G. PARKER.
WINDOW LOCK.

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1,014,091.

Patented Jan. 9, 1912.

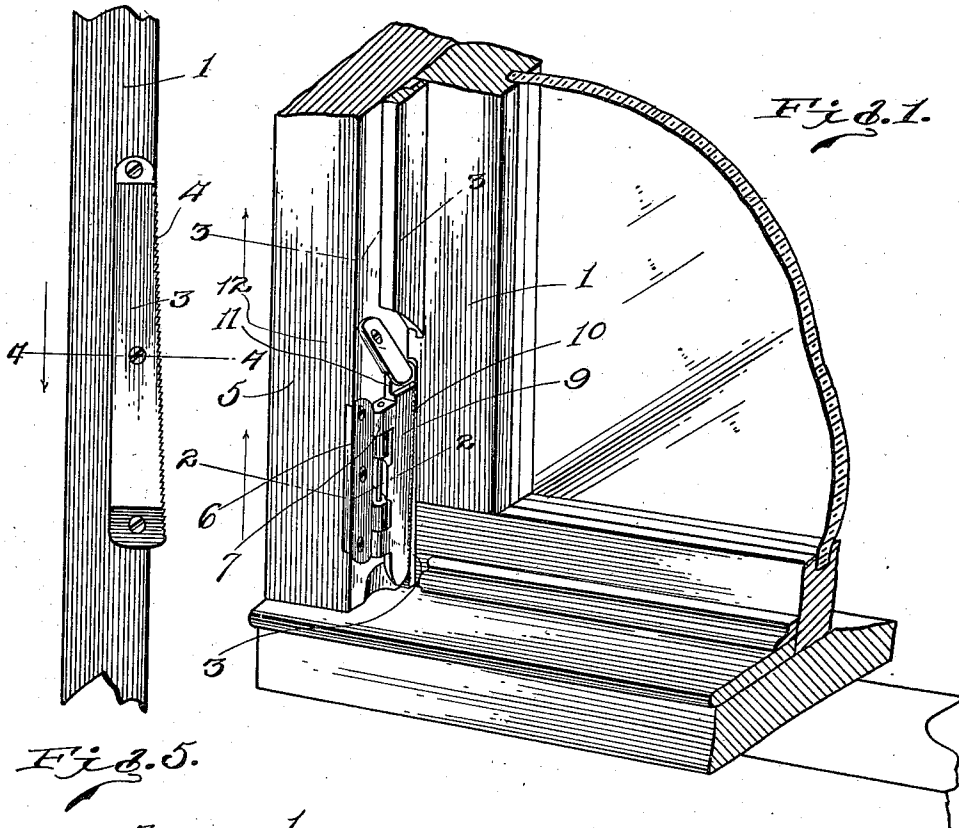
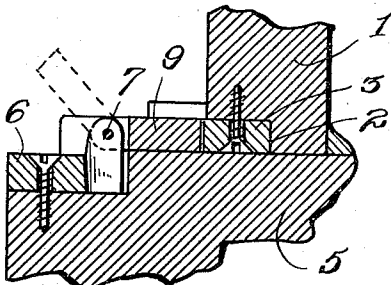
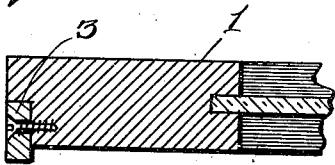
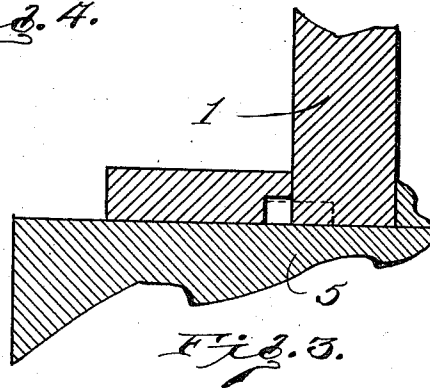


Fig. 5.



Witnesses

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Inventor

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UNITED STATES PATENT OFFICE.

GEORGE PARKER, OF PORTSMOUTH, VIRGINIA, ASSIGNOR OF NINE-TWENTIETHS TO
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WINDOW-LOCK.

1,014,091.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE PARKER, a citizen of the United States of America, residing at Portsmouth, in the county of Norfolk and State of Virginia, have invented certain new and useful Improvements in Window-Locks, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to window locks, and the principal object of the same is to provide a lock that will firmly fasten a sash to a window frame, yet which may be readily released to permit unrestrained use
15 of the sash when desired.

In carrying out the object of the invention generally stated above it is contemplated forming the improved lock of a stationary sash member and a hinged window frame
20 member, the frame member adapted to be rocked to interlocking binding engagement with the sash member, a latch being employed for holding the frame member and the sash member in locking engagement.

25 In the practical application of the invention it will be understood, of course, that the essential features thereof are necessarily susceptible of changes in details and structural arrangements, one preferred and simple embodiment of which is shown in the accompanying drawings wherein:—

Figure 1 is a fragmentary perspective view of a window frame and one sash, showing the sash locked to the frame by the improved lock. Fig. 2 is a horizontal sectional view taken on the line 2—2, Fig. 1. Fig. 3 is a similar view taken on the line 3—3, Fig. 1. Fig. 4 is a transverse sectional view taken on the line 4—4, Fig. 5.
40 Fig. 5 is a detail fragmentary view of one side member of a window sash showing one member of the improved lock attached thereto.

Referring to the accompanying drawings
45 by numerals, 1 designates one of the longitudinal side members of a window sash which has a longitudinal recess 2 formed in its outer surface in which a flat elongated plate 3 is mounted, said plate having a longitudinal edge projecting beyond the surface of the side member 1 of the sash and arranged on an incline and provided with
50 ratchet teeth 4.

The side member 5 of the window casing

adjacent the longitudinal side 1 of the win- 55
dow sash has a plate 6 seated on its outer surface adjacent the bottom thereof, said plate 6 having a hinged engagement 7 with a flat elongated leaf 9 whose free longitudinal edge is toothed as indicated at 10 complementary to the teeth of plate 3. The
60 toothed edge of plate 9 is on an incline. The upper end of leaf 10 is reduced to provide a latching lip 11 that is adapted to be frictionally engaged by a pivotally mounted
65 latch 12 carried by the member 5 of the window casing to hold leaf 10 in position to engage plate 3 of the window sash when said leaf 10 is rocked away from plate 6. The inclined outer edges of plate 3 and leaf 10
70 are arranged in opposition to each other so that when their teeth are in interlocking engagement, an attempt to raise the window sash will cause plate 3 and leaf 10 to bind as well as to cause their teeth to interlock. 75

In use assuming the window sash to be lowered it will be seen that by rocking leaf 10 away from plate 6 the teeth of leaf 10 and plate 3 will be brought into interlocking engagement, after which latch 12 is brought
80 into engagement with lip 11 of leaf 9 thereby holding said leaf in its locking position. To release the improved lock, latch 12 is rocked from engagement with lip 11, after which leaf 9 may be readily swung from en-
85 gagement with plate 4 through the medium of its hinged connection with plate 6 so that it will not interfere with the raising of the window sash.

What I claim as my invention is:—

90 1. A sash lock comprising a vertically arranged flat plate carried by a window sash, said plate having one longitudinal edge projecting laterally from said sash, said projecting edge being inclined and provided
95 with teeth, a vertically arranged plate carried by a window frame, a flat leaf hinged thereto and having its free longitudinal edge provided with teeth for interlocking engagement with the teeth of the sash plate, a lip
100 projecting from one end of said leaf, and a latch carried by said frame for engaging said lip to lock the leaf in engagement with the sash plate.

2. A sash lock comprising a plate carried
105 by a window sash, said plate having one edge inclined and projecting laterally from said sash, a second plate carried by a win-

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dow frame, a leaf hinged to said frame plate
and having one edge adapted for locking en-
gagement with the inclined edge of the sash
plate, said leaf having a lip projecting from
5 one end, and a latch pivotally connected to
the window frame and adapted for locking
engagement with said lip.

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

GEORGE PARKER.

Witnesses:

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