

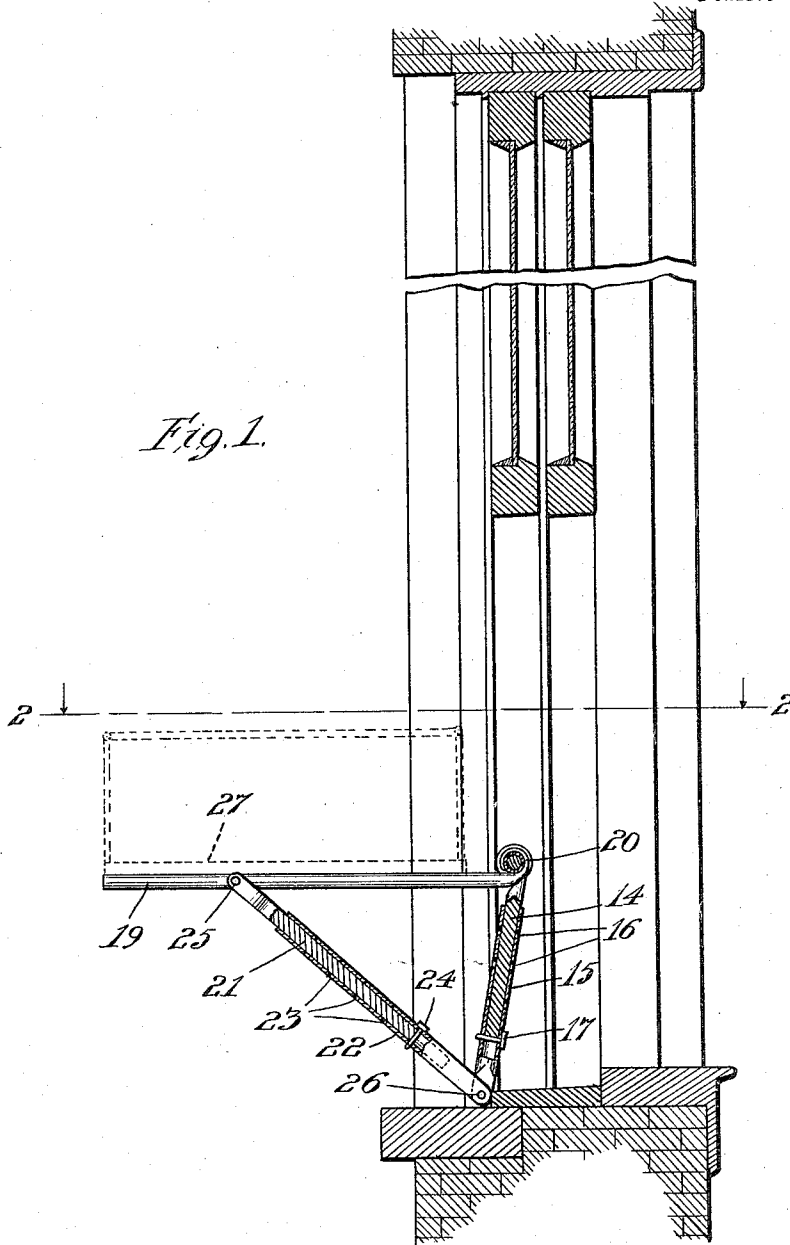
E. F. HARRIS.
WINDOW PLATFORM SUPPORT.

APPLICATION FILED FEB. 7, 1914. RENEWED MAR. 27, 1917.

1,229,073.

Patented June 5, 1917.

2 SHEETS—SHEET 1.



Witnesses:
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Inventor,
Edward F. Harris,
by *Joshua H. Harris*
his Attorney.

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2 SHEETS—SHEET 2.

Fig. 2.

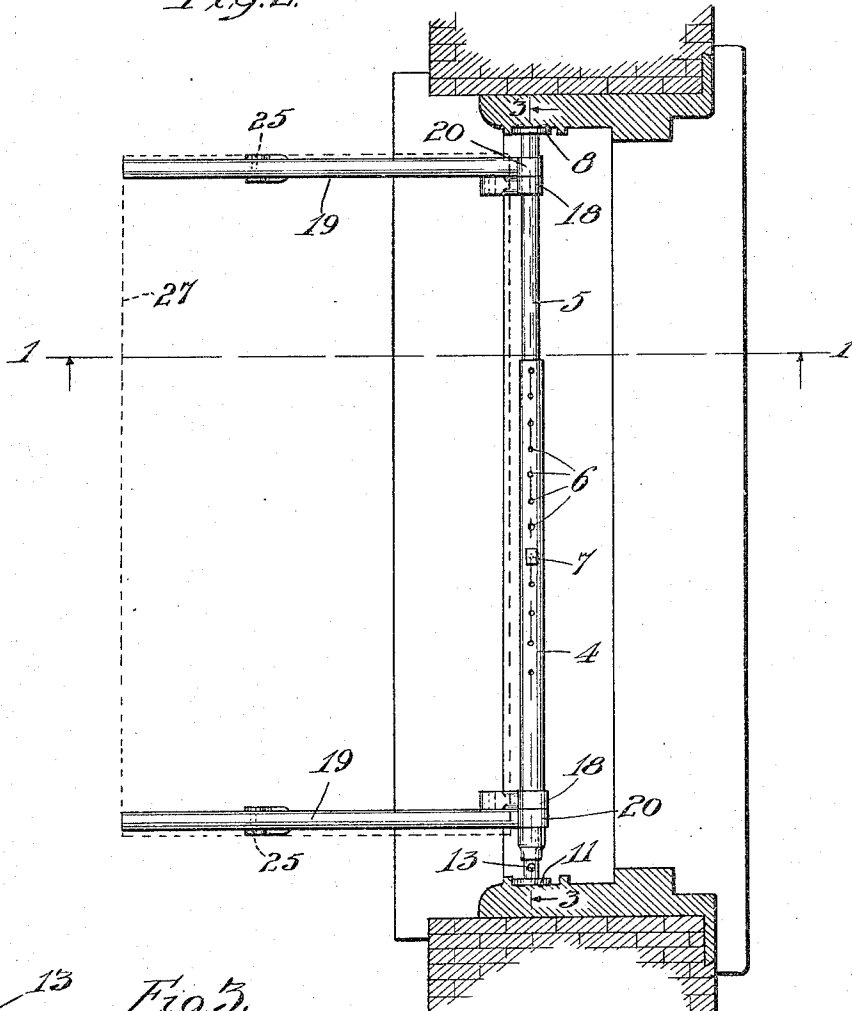
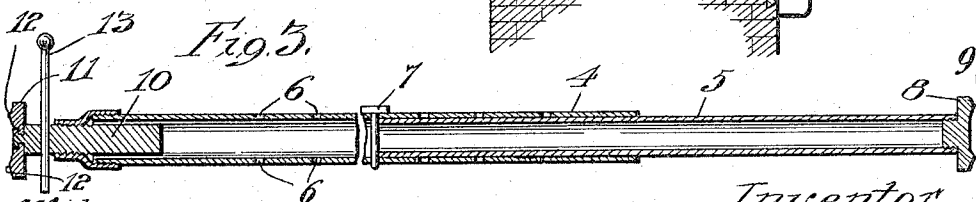


Fig. 3.



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Inventor,
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UNITED STATES PATENT OFFICE.

EDWARD F. HARRIS, OF CHICAGO, ILLINOIS, ASSIGNOR, BY MESNE ASSIGNMENTS,
OF ONE-FIFTH TO FRANK HARPER, OF CHICAGO, ILLINOIS.

WINDOW-PLATFORM SUPPORT.

1,229,073.

Specification of Letters Patent.

Patented June 5, 1917.

Application filed February 7, 1914, Serial No. 817,124. Renewed March 27, 1917. Serial No. 157,856.

To all whom it may concern:

Be it known that I, EDWARD F. HARRIS, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Window-Platform Supports, of which the following is a specification.

My invention relates to improvements in window platform supports and has for its object the provision of a construction of this character which may be readily secured in position, which is safe and reliable in use and which may be folded into small and compact form.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which—

Figure 1 is a vertical section taken through a window equipped with a construction embodying the invention, said section being taken on line 1—1 of Fig. 2,

Fig. 2, a horizontal section taken on line 2—2 of Fig. 1, and

Fig. 3, an enlarged longitudinal section of a transverse member employed in the construction, said section being taken on line 3—3 of Fig. 2.

The preferred form of construction as illustrated in the drawings comprises a longitudinally extensible transverse member consisting of two telescoping tubes 4 and 5. The outer tube is provided with transverse perforations 6 and a stop pin 7 is arranged to be inserted through said perforations to constitute a stop for the inner end of tube 5 so as to prevent shortening of the member. At its outer end tube 5 carries a rigid bearing plate 8 which is provided with blunt projections 9, said bearing plate being adapted to fit within the outer sash guide of an ordinary window and said projections 9 are adapted to take a firm hold of the window frame without undue marring thereof. The outer end of tube 4 carries a threaded stem 10 to the outer end of which is swiveled a bearing plate 11 similar to bearing plate 8 and having blunt projections 12. An operating rod 13 is arranged to slide transversely in stem 10 so as to facilitate the turning thereof. By

this arrangement it will be observed that the transverse member may be roughly adjusted by means of pin 7 and holes 6 to position in the outer sash guides of windows of different widths, and then may be secured tightly in position by manipulating stem 10 to force plates 8 and 9 into close engagement with the window frame at the bottom of the sash guides. The longitudinally extensible transverse member is provided with depending longitudinally extensible supports each consisting of a rod 14 slidable within a tube 15, said tube 15 being provided with a transverse opening 16 and a pin 17 serving to stop the lower end of said support. At its upper end, each of the rods 14 is provided with a sleeve 18 fitting loosely over the corresponding tube 4 or 5 so as to permit free turning of said supports and the ready removal of said tubes 4 and 5 thereof. Platform supporting rods 19 are provided at the inner ends with sleeves 20 also fitting loosely over the corresponding tubes 4 and 5 for the same purpose. A longitudinally extensible brace is arranged between each of the supporting rods 19 and the corresponding support. Each of these braces consists of a rod 21 fitting within a tube 22, said tube 22 being provided with transverse openings 23 and a pin 24 fitting within said openings to act as a stop for the lower end of rod 21. Rod 21 is pivotally connected at 25 with the corresponding rod 19 and tube 22 is pivotally connected at 26 with the lower end of the corresponding tube 15.

A platform 27 of any desirable construction may be secured to rods 19 after the support is secured in place when the device is ready for use.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variations and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claim.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

A device of the class described comprising a transverse member consisting of two

telescoping tubes, there being transverse
openings through the outer tube; a stop
pin extending through said openings; a
bearing plate rigidly secured to the outer
5 end of the inner tube; a member threaded
in the outer end of the outer tube; a bear-
ing plate swiveled to the outer end of said
threaded member; an operating rod slid-
able transversely in said threaded member;
10 longitudinally extensible supports for said
transverse member adapted to rest upon
the window sill, said supports being con-
nected with the tubes of said member by
means of sleeves loosely engaging the same;

platform supporting rods having sleeves at 15
their inner ends loosely engaging the tubes
of said transverse member; and a longitu-
dinally extensible brace pivotally connected
with each of said rods and with the lower
end of the corresponding support, substan- 20
tially as described.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

EDWARD F. HARRIS.

Witnesses:

JOSHUA R. H. POTTS,
ARTHUR A. OLSON.

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