

No. 709,726.

Patented Sept. 23, 1902.

D. SNELL.
WINDOW FASTENING DEVICE.

(Application filed May 14, 1902.)

(No Model.)

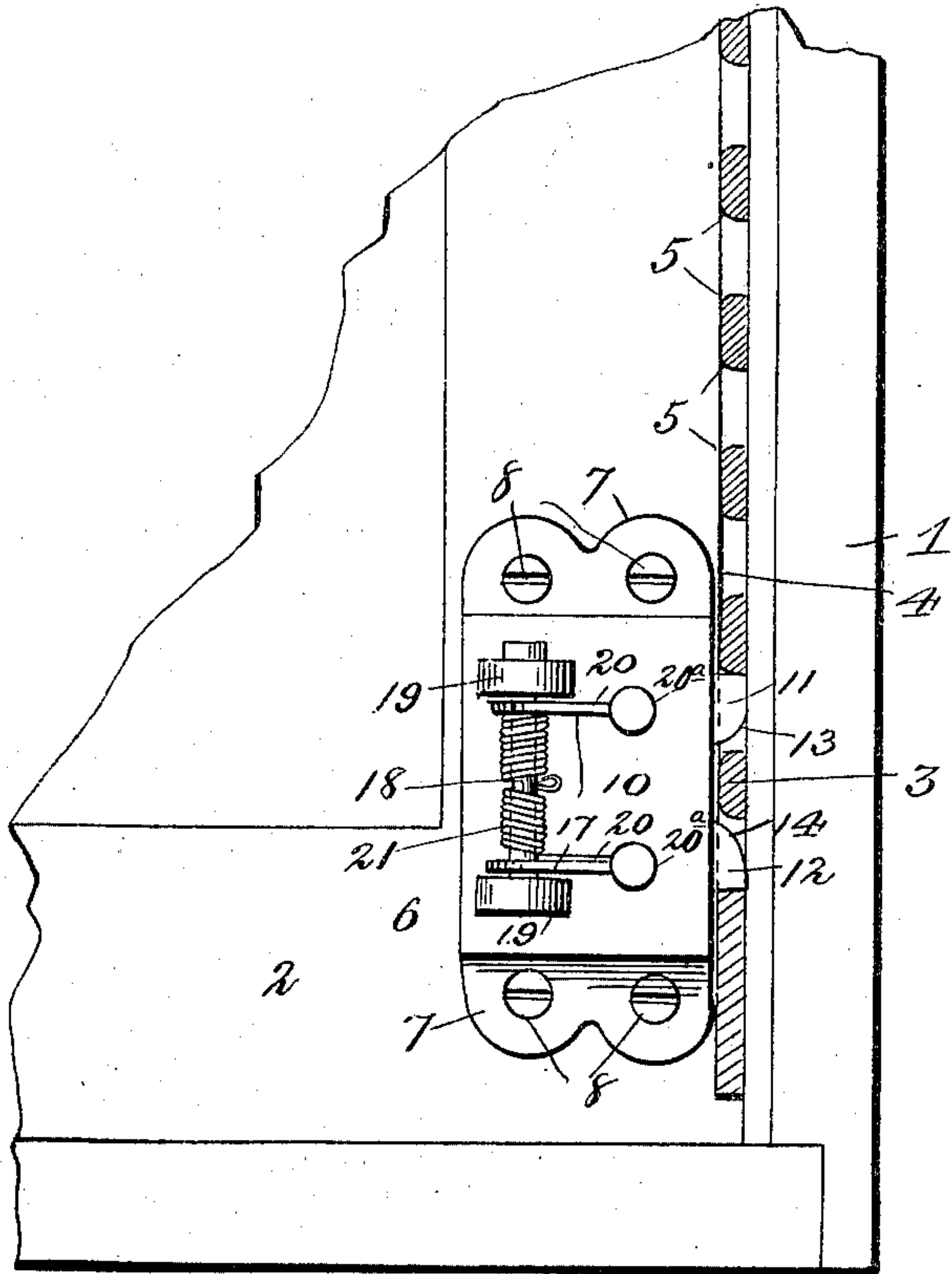


Fig. 1.

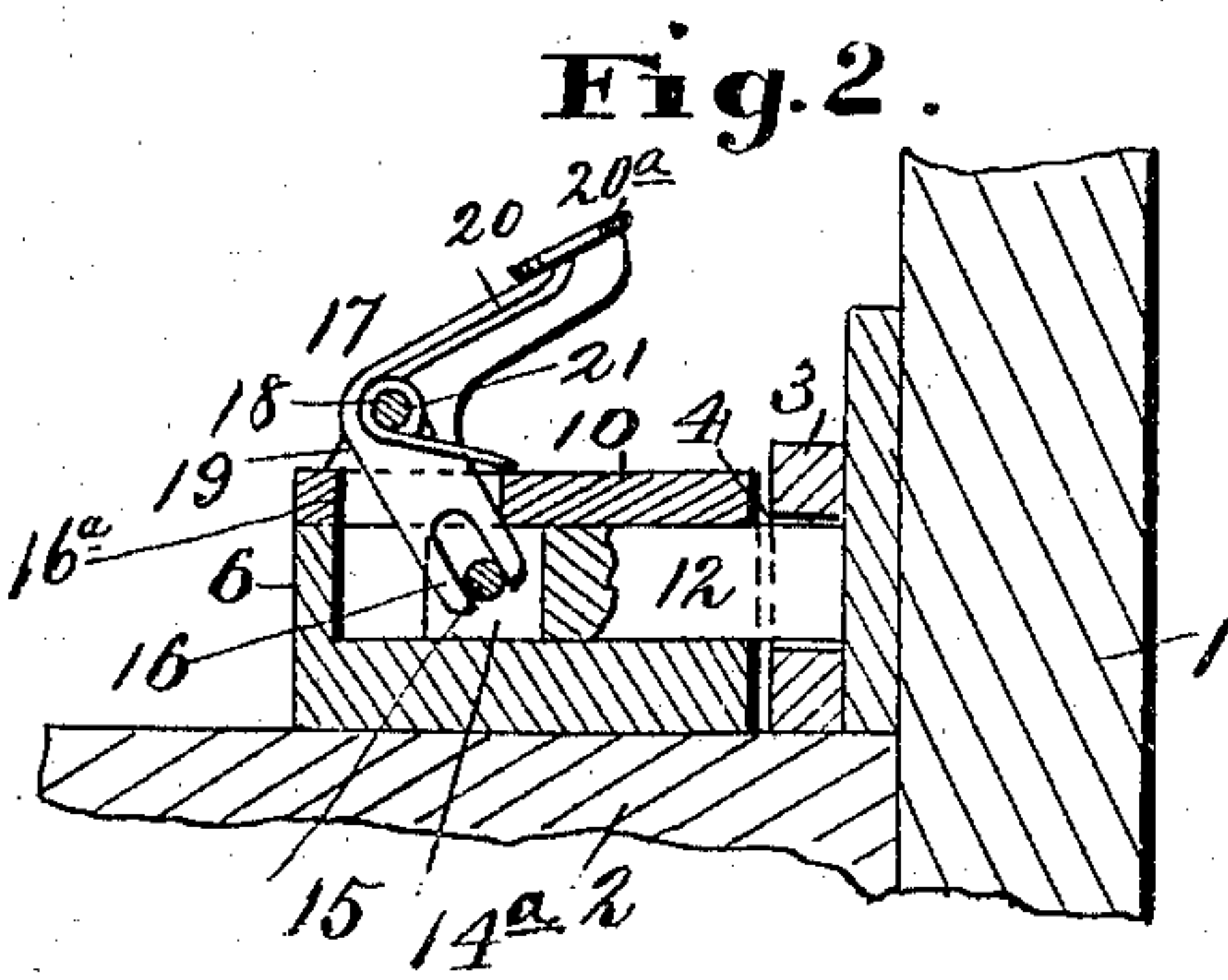


Fig. 2.

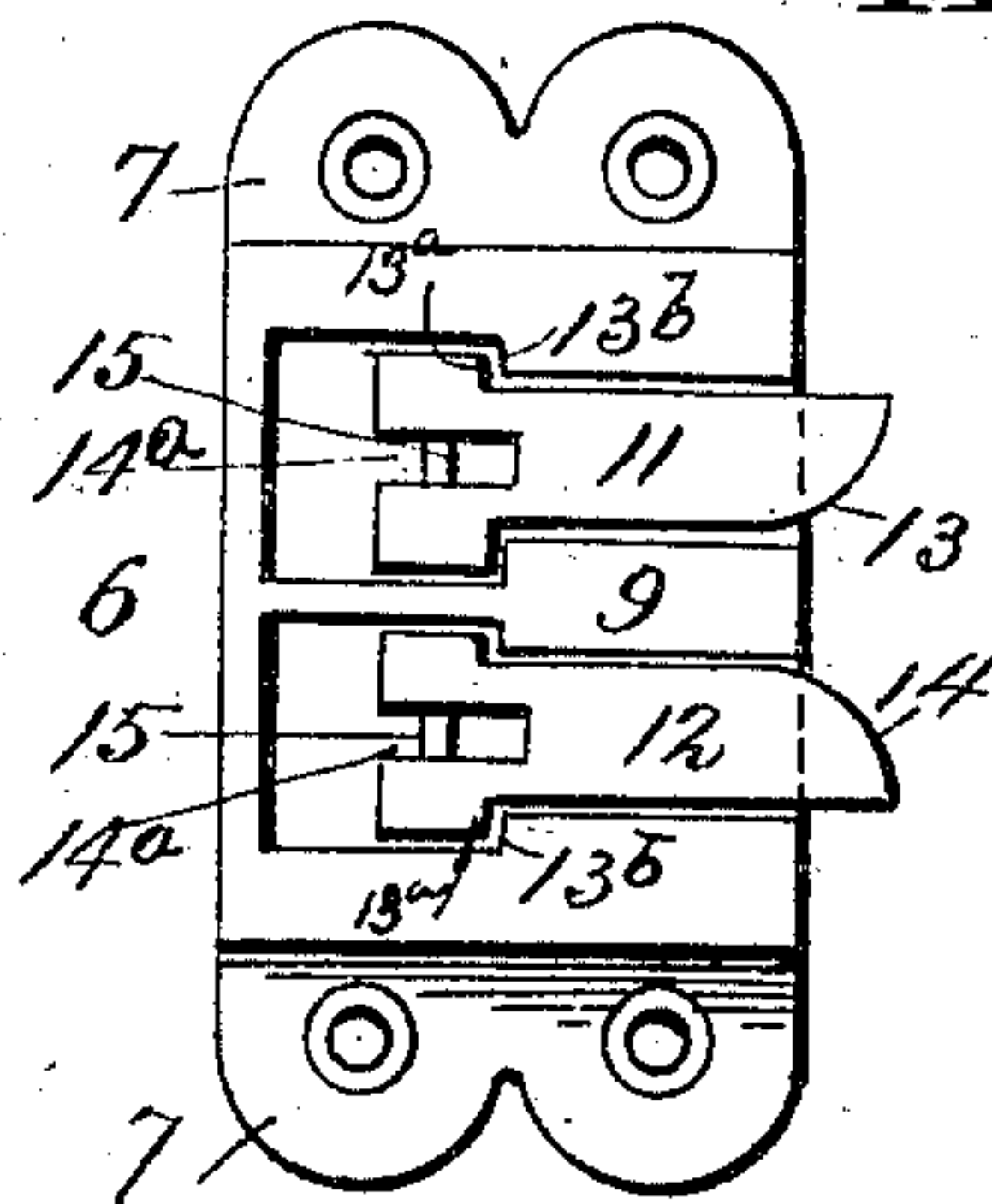


Fig. 3.

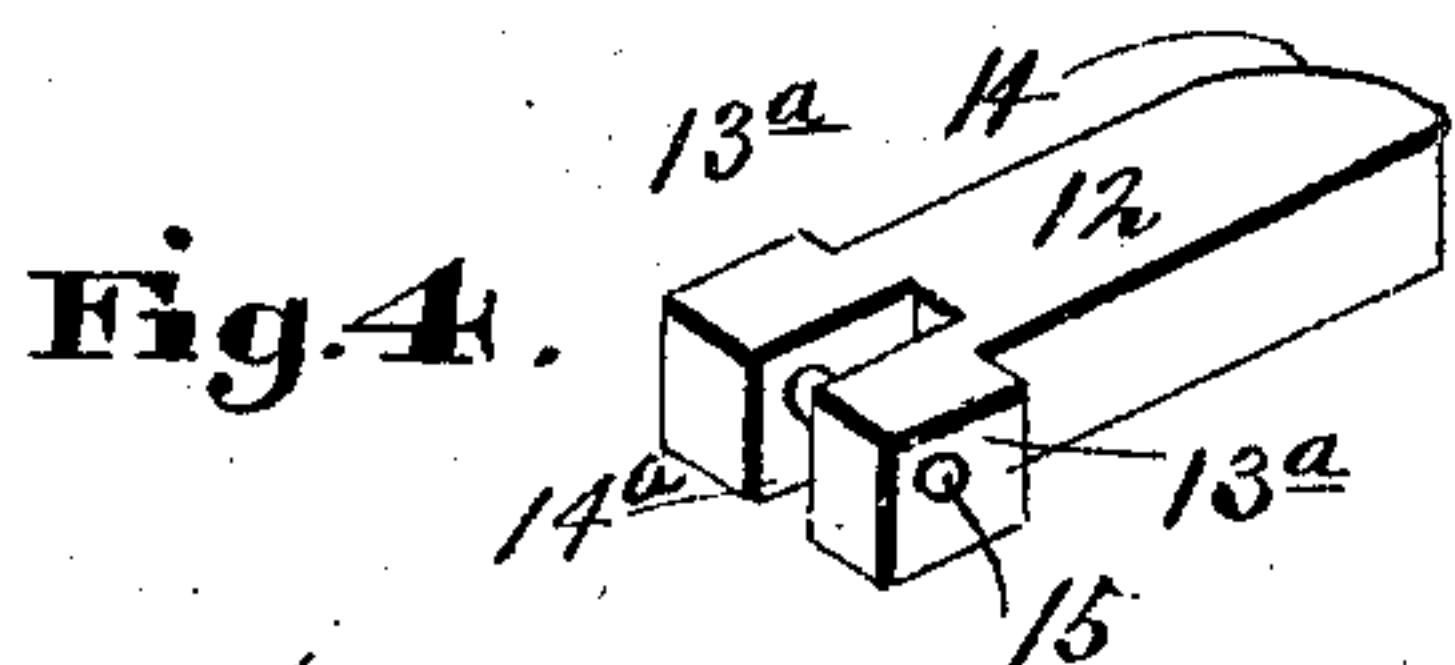


Fig. 4.

Witnesses:
F. L. Curran

J. B. Radelfinger.

Inventor.

Daniel Snell.

By
Louis Rayner Co.
Attorneys.

UNITED STATES PATENT OFFICE.

DANIEL SNELL, OF HARMONY, INDIANA.

WINDOW-FASTENING DEVICE.

SPECIFICATION forming part of Letters Patent No. 709,726, dated September 23, 1902.

Application filed May 14, 1902. Serial No. 107,321. (No model.)

To all whom it may concern:

Be it known that I, DANIEL SNELL, a citizen of the United States, residing at Harmony, in the county of Clay and State of Indiana, have
5 invented new and useful Improvements in Window-Fastening Devices, of which the following is a specification.

My invention relates to improvements in window-fastening devices; and the object of
10 the same is to construct a device of this character which will be simple in construction and efficient in operation.

The novel construction employed by me in carrying out my invention is fully described
15 in this specification and claimed, and illustrated in the accompanying drawings, forming a part thereof, in which—

Figure 1 is an elevation of a window partly in section and equipped with my device. Fig.
20 2 is a detail of my device. Fig. 3 is a detail of the same with cover removed. Fig. 4 is a detail of one of the bolts.

Like numerals of reference designate like parts in the different views of the drawings.

25 The numeral 1 designates a window-frame having a sash 2 slidingly mounted therein. A rack 3 is attached to the frame adjacent to the sash and has a series of rectangular apertures 4 therein, which are slightly beveled at
30 5 on the upper and lower sides. Mounted on the sash 2, adjacent to the rack 3, is a casing 6, having perforated ears 7 thereon, which are apertured to accommodate screws 8. The casing 6 is rectangular, is subdivided by a
35 horizontal partition 9, and is provided with a snugly-fitting cover 10. Two bolts 11 and 12 are slidingly mounted in the casing in position to engage the rack 3. The outer end of the bolt 11 is undercut at 13—that is, beveled from the
40 outer end downwardly—to adapt it to ride over the rack when the window is being lowered and to hold the window against being raised. The bolt 12 is overcut at 14—that is, beveled from the outer end upwardly—to adapt it
45 to ride over the rack 3 when the window is being raised and to engage the rack and prevent the lowering of the same. The bolts 11 and 12 are each provided with lugs 13^a, which engage shoulders 13^b, formed on the casing,
50 and limit the outward movement of the bolts. Slots 13^a are formed in the ends of the bolts 11 and 12, and cross-pins 15 extend trans-

versely these slots 14^a and are engaged by the lower forked arms 16 of elbow-levers 17, which arms extend through apertures 16^a,
5 formed in the cover 10 of the casing. The levers 17 are fulcrumed on a rod 18, supported by two lugs 19. The upper long arms 20 of the levers 17 are provided with thumb-pieces 20^a, and a spring 21, surrounding the rod 18
60 and engaging the levers 17, holds the bolts 11 and 12 in engagement with the rack 3.

In the operation of raising the window-sash the upper bolt 11 is retracted by operating the corresponding lever 17, when the window can
65 be raised and the bolt 12 will ride over the rack 3 on the upward movement, but will prevent all downward movement. In lowering the window the bolt 12 is retracted by means of the lower lever 17, when the bolt 11 will
70 engage the rack and serve as a brake.

I do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the spirit of my invention.
75

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

. In a window-fastening, the combination of a rack having rectangular apertures thereon
80 rounded off on their upper and lower edges, a casing mounted on a sliding sash, a bolt slidingly mounted in said casing and having a beveled head constructed to positively engage the said rack to hold the window against
85 being raised, a bolt slidingly mounted in said casing and having a beveled head constructed to positively engage said rack to hold said window against being lowered, said bolts having slots in their ends, pins mounted trans-
90 versely said slots, a rod mounted on said casing, elbow-levers fulcrumed on said rod and bearing thumb-pieces, said levers having forked arms which engage said pins, and a spiral spring mounted on said rod and ar-
95 ranged to actuate said levers, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

DANIEL SNELL.

Witnesses:

ITHEL HARRIS,
SIDNEY MONK.