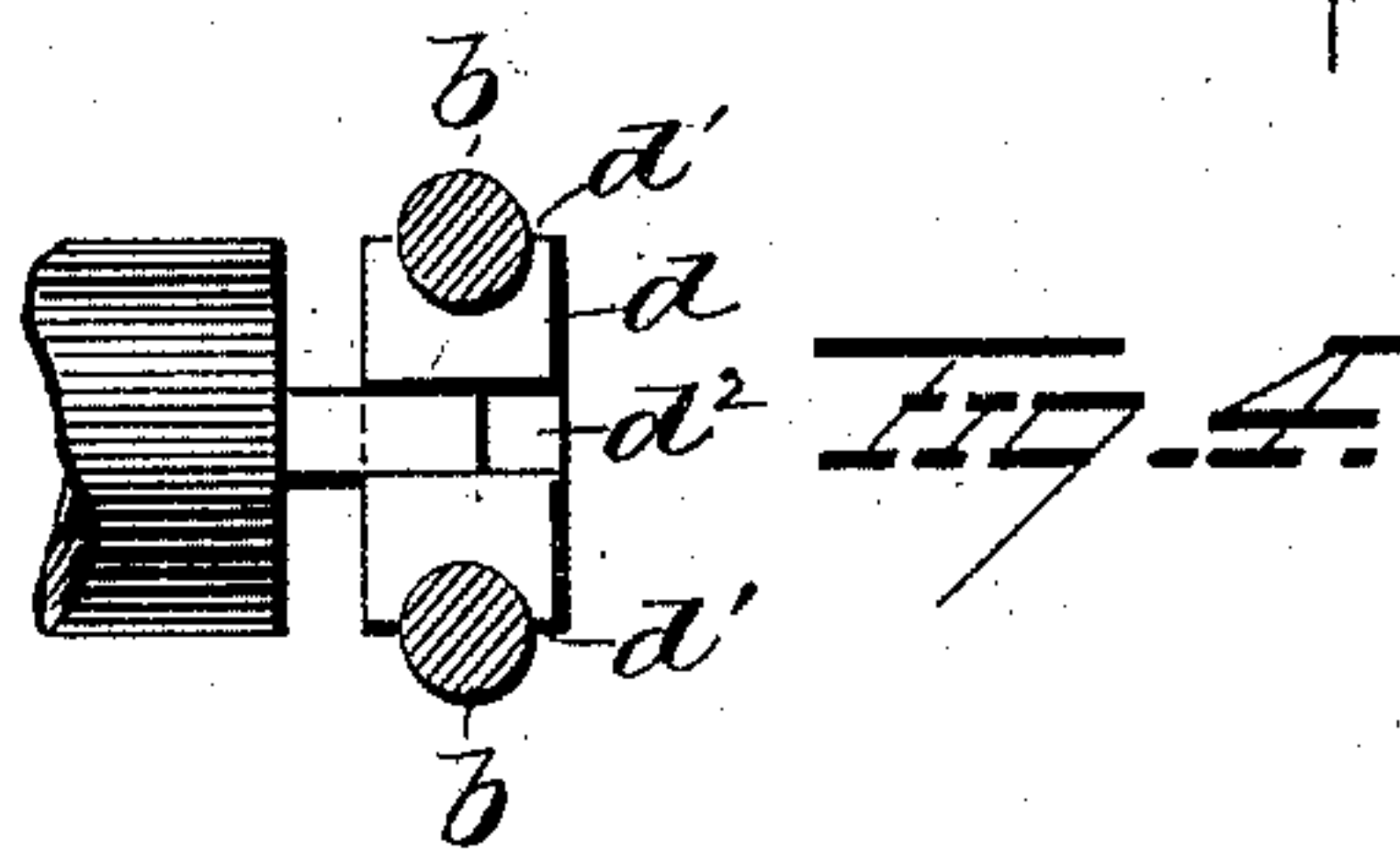
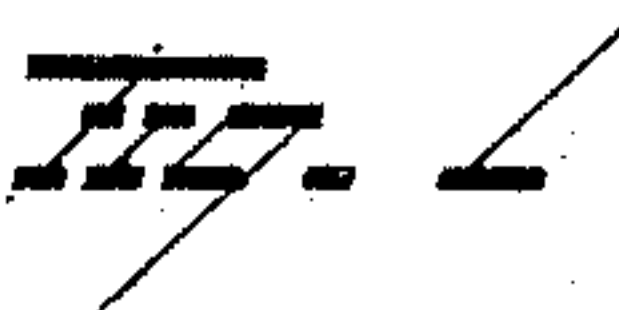


J. VILLARD.
CURTAIN FIXTURE.

Patented Feb. 28, 1893.



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UNITED STATES PATENT OFFICE.

JOHN VILLARD, OF WOLFE CITY, TEXAS.

CURTAIN-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 492,447, dated February 28, 1893.

Application filed May 14, 1892. Serial No. 433,029. (No model.)

To all whom it may concern:

Be it known that I, JOHN VILLARD, a resident of Wolfe City, in the county of Hunt and State of Texas, have invented certain new and
5 useful Improvements in Curtain-Fixtures; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use
10 the same.

My invention relates to an improvement in curtain fixtures,—its object being to provide devices for supporting a curtain whereby the curtain may be easily and quickly raised or
15 lowered bodily so as to admit more or less light through the window, and permit of proper ventilation without the admission of an undesirable amount of light.

A further object is to produce a curtain fixture of the class above mentioned, which shall be simple in construction, cheap to manufacture and effectual in the performance of its
20 functions.

With these objects in view the invention
25 consists in certain novel features of construction and combinations and arrangements of parts as hereinafter set forth and pointed out in the claim.

In the accompanying drawings, Figure 1 is
30 a view of a window having my improvements applied thereto. Fig. 2 is an edge view. Figs. 3 and 4 are detail views.

A represents a window frame, to which are secured near the top, two brackets *a, a*.
35 These brackets project outwardly from the window frame and are provided with sockets for the reception of cylindrical rods *b, b*,—two such rods being arranged parallel with each other and connected with each bracket
40 *a*. The rods *b, b* project downwardly from their connection with the brackets *b', b'* and at their lower ends are connected with brackets *c, c*, located between the top and bottom of the window frames. The vertical rods *b, b*, serve as guides for blocks *d* located between them, said blocks *d* being made with
45 recesses *d'* to partially embrace said rods *b*. One of the blocks *d* may be provided with an elongated recess *d²* for the reception of the

flattened shank of an ordinary spring roller, 50 while the other block will be made with a perforation for the reception of the round pin-
tle or shank at the other end of said roller,—said roller carrying a curtain *e*. The blocks may be adapted to receive curtain rollers of
55 any description desired.

Secured to the bottom of each block *d*, is a ratchet bar *f*, which projects downwardly through openings in the brackets *c* and are provided at their lower ends with balls or
60 knobs *g*. In the opening of each bracket *c*, a plate *h* is located, behind which a spring *i*, is located and adapted to force the ratchet bar against a pin *j* passing through the opening in the brackets *c* and thus cause the teeth
55 of said ratchet bar to engage said pins and hold the curtain at any desired adjustment. When it is desired to lower the curtain, the knobs *g* are grasped and pressed inwardly
70 to release the ratchet bars from the pins *j* and at the same time pull said knobs downwardly. When it is desired to raise the curtain it is simply necessary to press the knobs upwardly.

From the construction and arrangement of
75 the device as above described it will be seen that the curtain as a whole may be raised or lowered, thus admitting more or less light through the upper portion of the window.

By the use of my improvements a room can
80 be thoroughly ventilated without admitting an undesirable amount of light, by simply lowering the curtain as a whole, a short distance from the top of the window.

The device is very simple in construction,
85 easy to operate and ornamental in appearance,—the parts thereof being preferably made of nickel or other polished metal.

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

The combination with brackets stationed on the sides of a window frame, two rods extending parallel with each other between these brackets said rods forming guides, and
95 blocks recessed and fitted to these guide rods and adapted to slide up and down thereon said blocks constructed to receive and form

bearings for the ends of a curtain shade
roller, of ratchet toothed bars depending from
the blocks between the guide rods and ex-
tending through the lower bracket a catch in
5 the bracket, and a spring cushion for forcing
the teeth normally into contact with the catch,
substantially as set forth.

In testimony whereof I have signed this
specification in the presence of two subscrib-
ing witnesses.

JOHN VILLARD.

Witnesses:

J. P. HENDERSON,
C. D. CHASE.