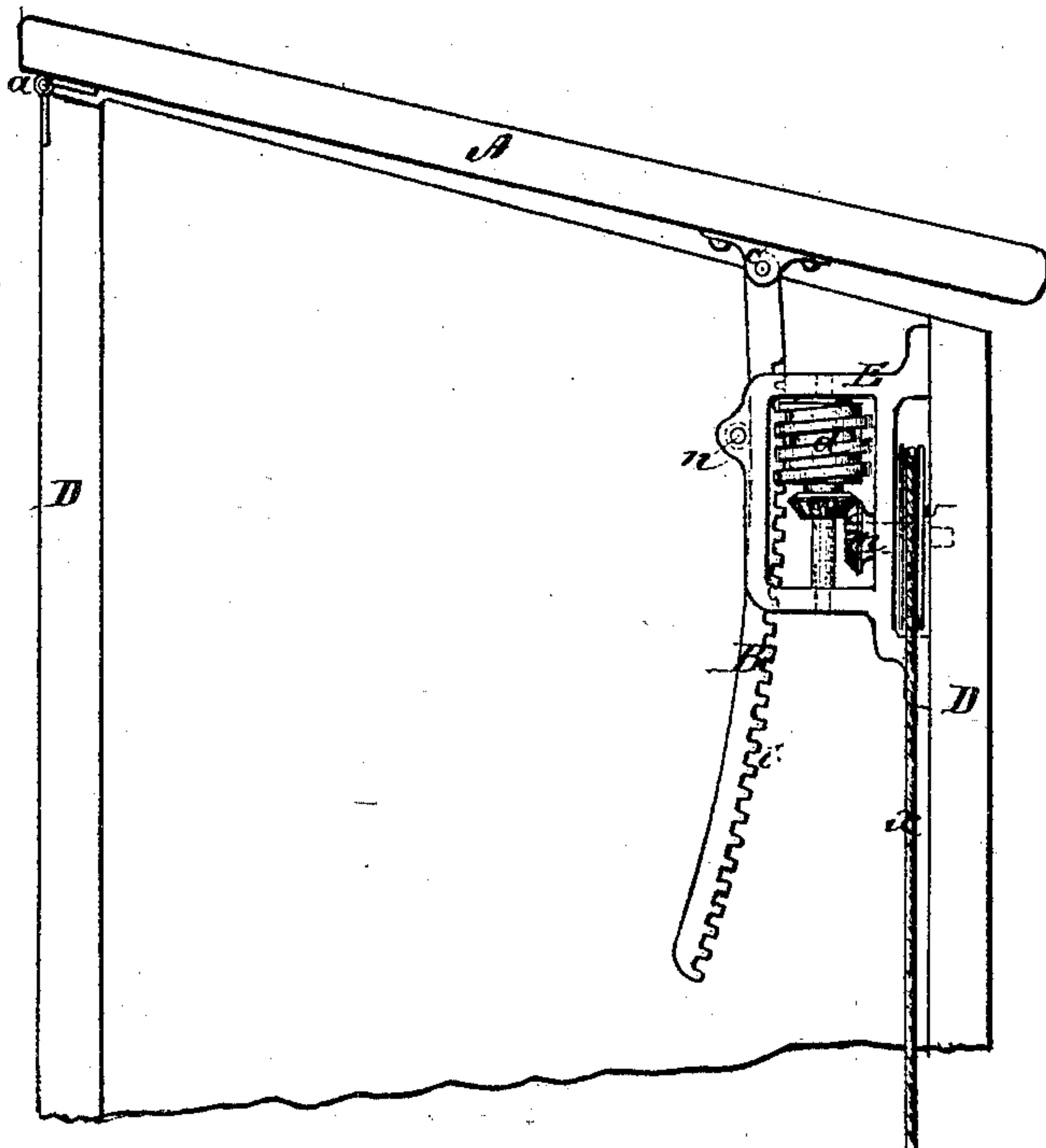


W. DYATT.

DEVICE FOR OPERATING SKYLIGHTS.

No. 108,572.

Patented Oct. 25, 1870.



Witnesses
Henry E. Proctor
John Christ

Inventor.
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United States Patent Office.

WILLIAM DYATT, OF NEW YORK, N. Y.

Letters Patent No. 108,572, dated October 25, 1870.

IMPROVEMENT IN DEVICES FOR OPERATING SKY-LIGHTS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM DYATT, of New York, in the county and State of New York, have invented a new and improved Device for Operating Sky-Lights, &c., of which the following is a specification.

In the accompanying drawing—

A represents a sky-light, hinged at one side *a* to its frame.

To the under side of this sky-light a segment, B, is hinged, capable of turning or swinging on the center-pin *c*, and provided on one side with teeth *b*, into which a worm-wheel, *d*, fixed in a suitable frame, E, attached to the framing D, is made to work.

The segment B moves in a suitable recess in the frame E, provided with a pin or friction-roller, *n*, bearing against the back of the segment B, so as to keep thereby the teeth of said segment always in gear with the worm-wheel *d*.

Upon the shaft of this worm-wheel a pinion, *v*, is fixed, meshing into a corresponding wheel, *m*, attached to a shaft, provided with a wheel or pulley, *w*, operated through the band or cord *x*.

When the cord *x* is pulled, either at one or at the other side, the pulley *w* will be turned in either one or the other direction, communicating thereby this motion through the gear-wheels *m* and *v* to the worm-

wheel *d*, which works into the teeth *b* on the segment B, and moves thereby this segment B, and consequently the sky-light A, either upward or downward, and from the nature of this gearing firmly secures this sky-light in any position the same may have been moved, without any further fastening.

In some cases the shaft of the worm-wheel *d* may be continued downward, and the gearing to operate the same applied at its lower end.

Instead of attaching the segment B directly to the sky-light A, the same may be applied to two levers, forming a knuckle-joint, one end of which is attached to the sky-light and the other end to the framing, while the segment is attached to the joint which connects the two levers.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination, with a sky-light, A, of the segment B, worm-wheel *d*, pin or friction-roller *n*, wheels *v* and *m*, pulley *w*, and cord *x*, operating together substantially as and for the purpose hereinbefore set forth.

WILLIAM DYATT.

Witnesses:

HENRY E. ROEDER,
JOHN CHRIST.