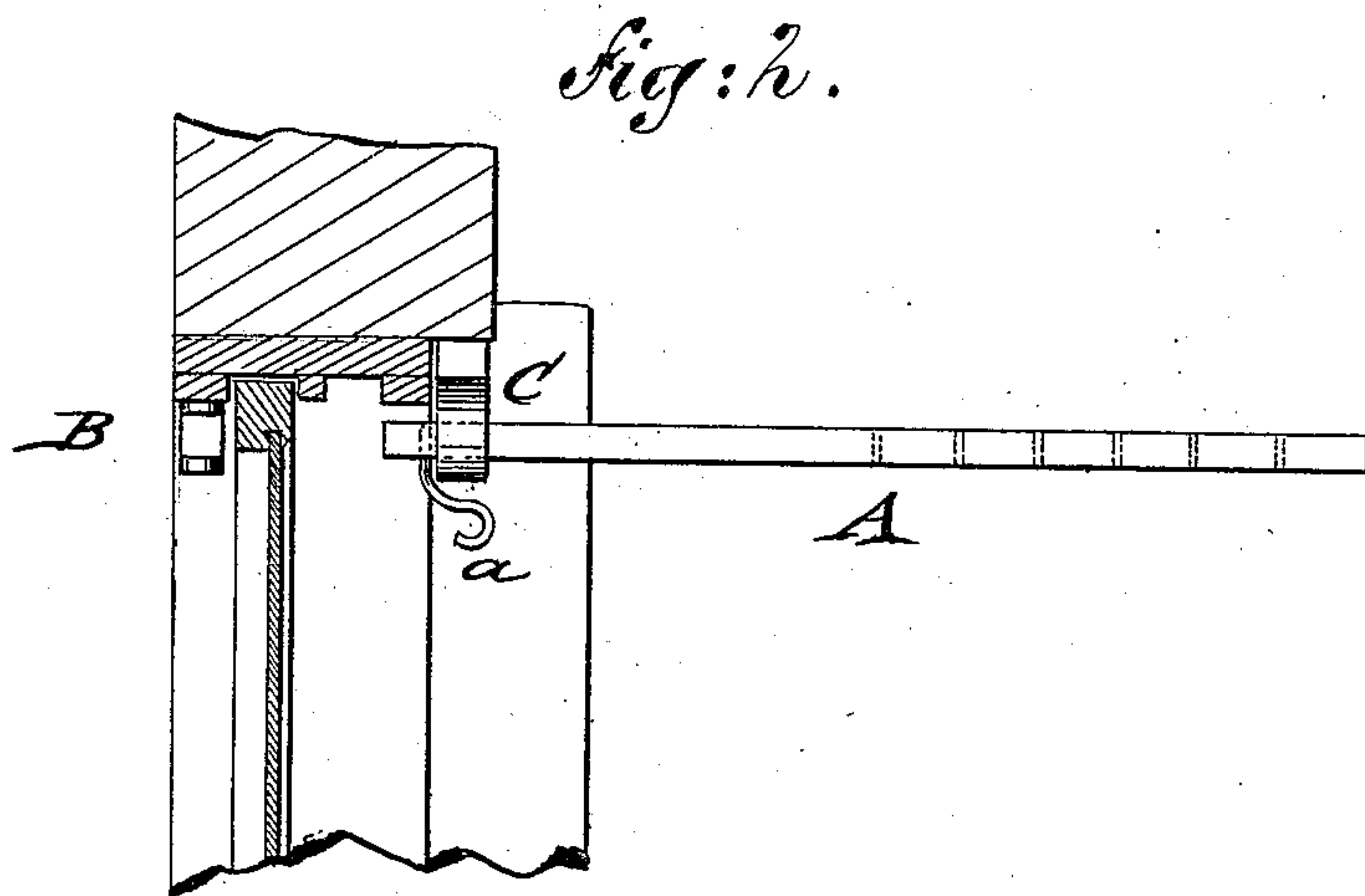
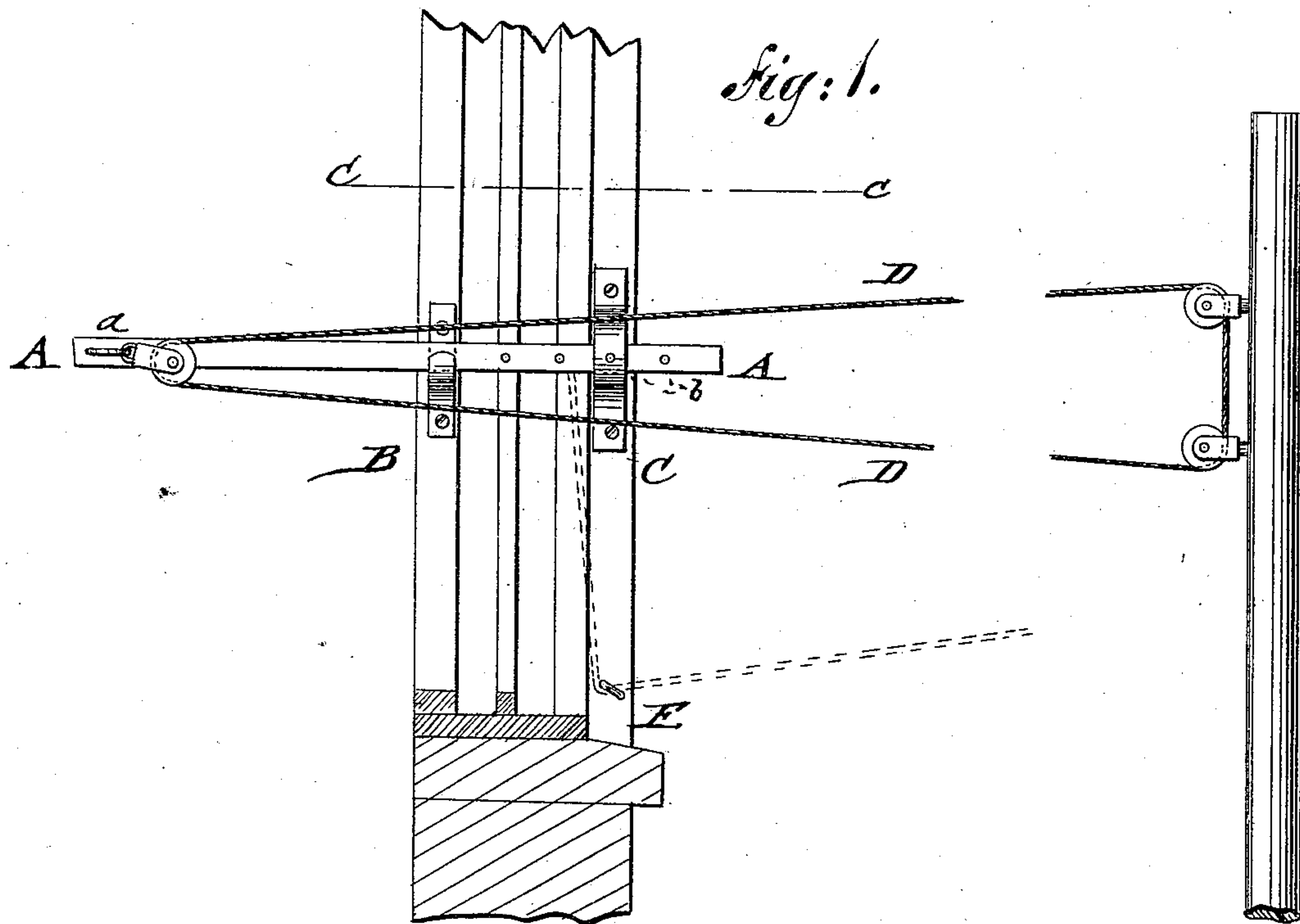


J. T. CRONK.
LINE-FASTENER.

No. 186,991

Patented Feb. 6, 1877.



WITNESSES:
John Goethals,
Alex F. Roberts,

INVENTOR:
J. T. Cronk
BY *Wm. H. [Signature]*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JASPER T. CRONK, OF HOBOKEN, NEW JERSEY.

IMPROVEMENT IN LINE-FASTENERS.

Specification forming part of Letters Patent No. **186,991**, dated February 6, 1877; application filed May 16, 1876.

To all whom it may concern:

Be it known that I, JASPER T. CRONK, of Hoboken, in the county of Hudson and State of New Jersey, have invented a new and Improved Clothes-Line Supporter, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation, and Fig. 2 a top view, partly in horizontal section on line *c c*, Fig. 1, of my improved clothes-line supporter.

Similar letters of reference indicate corresponding parts.

My invention relates to a simple and convenient device by which the clothes may be hung to and taken down from the pulley-line inside of the window without necessitating the dangerous and fatiguing bending out of the window, the device being readily taken off after use, or allowed to remain in position outside of the window, as desired.

The invention consists of a clothes-line-supporting arm or brace, that is secured adjustably to sockets or brackets of the window-casing, and slid to the outside when the clothes are applied to or taken off the clothes-line. The slack of the line is taken up by attaching the lower part of the line to a hook, *E*, below the sockets.

In the drawing, *A* represents a sliding brace or arm of suitable length, that is guided and supported in brackets *B* and *C*, of suitable material, which are attached to the window or casing at the inside and outside of the sashes. The pulley-block of the clothes-line is hung to a hook, *a*, at the inner end of arm *A*, while the outer perforated end is adjusted by means of a cross-pin, clamp-screw, or other device, *b*, in the outer socket or bracket *C*.

The clothes-line *D* extends in the usual manner from the pulley-block of the support-

ing-arm to one or two pulley-blocks of the opposite wall or post, and admits the hanging up of the clothes at the inside of the window when the supporting-arm is secured so as to extend to the inside of the window, as shown in Fig. 1. The interior socket or bracket *B* is open to admit the outward sliding of the arm with the clothes-line until hook *a* comes in contact with the outer socket *C*. The slack of the clothes-line is then taken up by passing the lower part of the line over a hook, *E*, that is attached to the window casing or sill below the brackets *B* and *C*.

When the clothes are to be taken down from the line the same is released from the hook *E* and the arm pulled back and fastened, to be inside of the window, when the clothes may be readily detached in the same manner as when hung up, without the least difficulty or danger.

The sliding arm is so arranged that the window may be opened or closed without interfering with the inner end of the arm when pushed outwardly in socket *C*. After use the arm may either be removed or pushed outwardly to project to the outside of the building, as deemed most convenient.

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

The combination of the sliding brace or arm, having end hook, the outer supporting-socket, and the clothes-line with a fixed hook or other fastening device below the arm, to take up slack of line when the arm is pushed to outside, substantially as specified.

J. T. CRONK.

Witnesses:

PAUL GOEPEL,
ALEX. F. ROBERTS.