

L. BULASKY.  
FOLDING WINDOW CLEANING CHAIR.

(Application filed May 4, 1900.)

(No Model.)

Fig. 1.

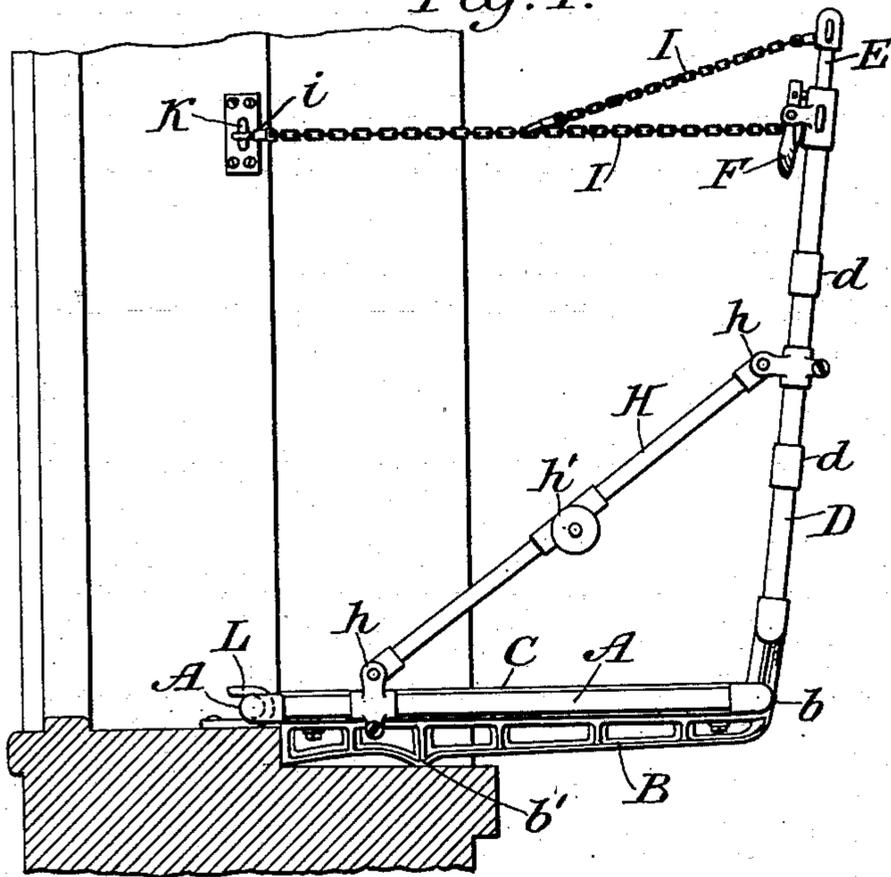
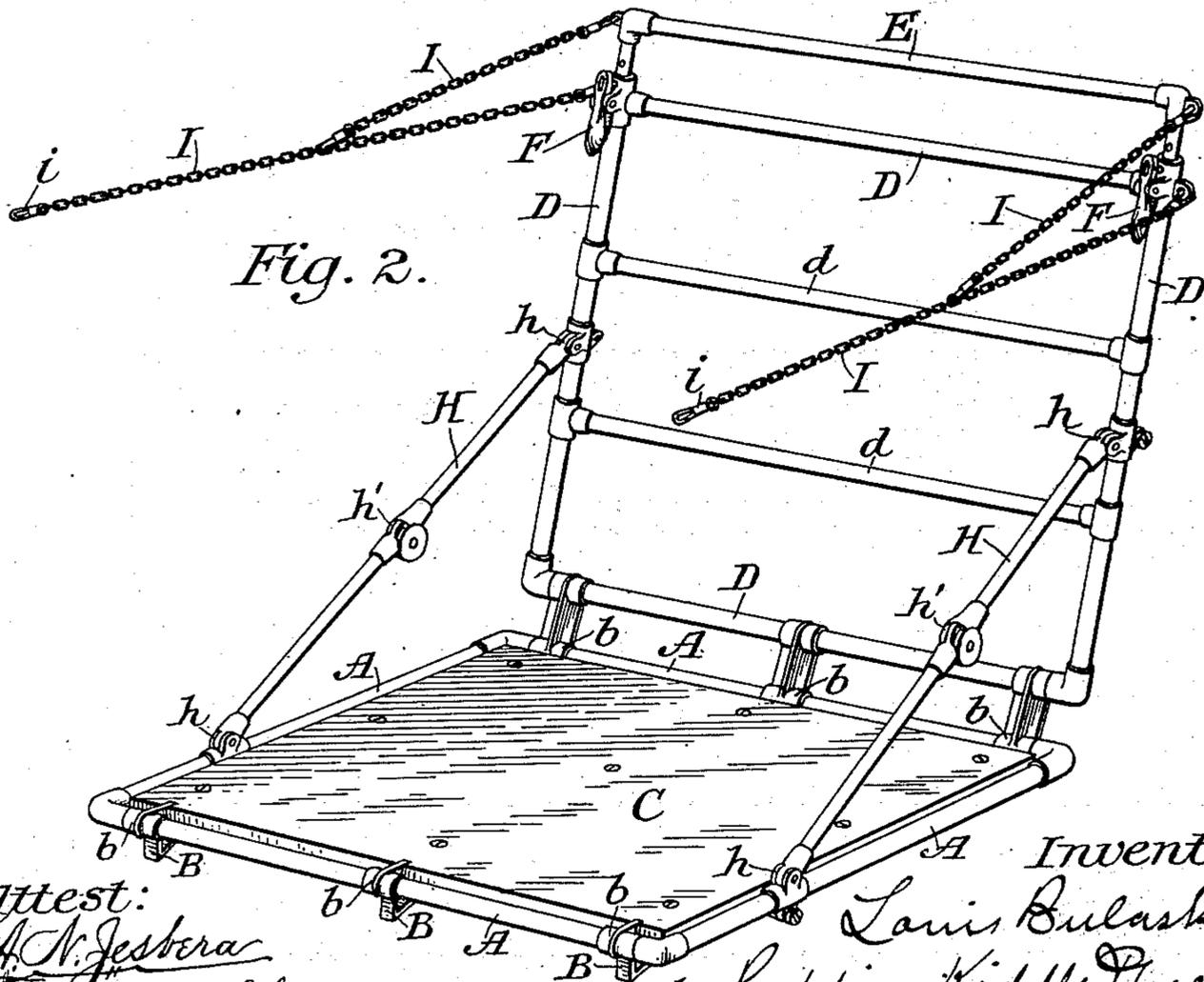


Fig. 2.



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# UNITED STATES PATENT OFFICE.

LOUIS BULASKY, OF NEW YORK, N. Y.

## FOLDING WINDOW-CLEANING CHAIR.

SPECIFICATION forming part of Letters Patent No. 657,511, dated September 11, 1900.

Application filed May 4, 1900. Serial No. 15,447. (No model.)

*To all whom it may concern:*

Be it known that I, LOUIS BULASKY, a citizen of the United States, residing in the borough of Manhattan, city of New York, State of New York, have invented certain new and useful Improvements in Folding Window-Cleaning Chairs, of which the following is a specification, reference being had to the accompanying drawings, forming a part hereof.

This invention has for its object to produce a window-cleaning chair which shall securely support a person while cleaning the outside of a window, shall be capable of being applied readily to any window-casing, shall not be unduly heavy, and shall be capable of being folded into a comparatively-small compass, so that it can be transported readily from window to window.

The invention will be more fully described hereinafter with reference to the accompanying drawings, in which it is illustrated in a convenient and practical form, and in which—

Figure 1 is a side view of the improved window-cleaning chair, a portion of the window-casing being shown partly in section; and Fig. 2 is a perspective view of the device.

The improved window-cleaning chair is preferably composed mainly of tubing for the sake of securing strength and rigidity with lightness. A substantially-rectangular frame A is provided with light transverse beams or girders B, which are secured to the front and rear members of the frame A, preferably being cast with perforated lugs or eyes *b* to receive such front and rear members of the frame A and being provided also with feet *b'* to rest upon the lower outer portion of the window frame or casing. The seat C, of any suitable material, may be secured to the beams or girders B, and the latter may also be provided at their upper ends with upturned lugs or short arms, which are also perforated to receive the lower member of the outer frame or back D, which is thus hinged to the lower or seat frame, so that it can be turned down upon the same when the chair is not in use. Cross-bars *d* unite the vertical members of the outer frame or back D at suitable intervals, and such vertical members are open at their upper ends, so as to receive the side or vertical members of an extension-frame E, which can be raised when the person clean-

ing the window stands upon the seat to guard against any danger of falling over the back of the chair. Spring-pressed latches F are applied to the side members of the frame D to retain the frame E in its adjusted position by engagement with the side bars or members of such frame E. Links H are hinged at each end to the frame A and the frame D, as at *h*, and are jointed, as at *h'*, so that each link can be folded upon itself when the chair is folded. Chains or straps I may be connected to the upper part of the frame D and also to the extension-frame E, if desired, and may be provided with hooks *i* to engage eyes K, secured to the sides of the window frame or casing, for the purpose of giving added security. Hooks L, turned inward, are secured to the bottom of the window frame or casing for engagement with the inner transverse member of the frame A.

When the chair being folded is to be applied to a window, the inner transverse member of the frame A is engaged with the hooks L, and the chair is then swung outward and downward until the feet *b'* rest upon the window frame or casing, as shown in Fig. 1. The back or outer frame D is then swung upward upon its hinged joint, the links H unfolding at the same time and assuming the positions shown in the drawings, in which they will hold the outer frame or back from swinging farther outward and also from swinging inward accidentally, the axis of each joint *h'* being below the longitudinal axis of the link. The chains I may then be engaged with the eyes or hooks K at the sides of the window frame or casing and the extension-back E may be raised to the desired height. When the chair is to be removed, the links H are pulled inward at their respective joints, causing the outer frame or back D to fold or swing inward and downward upon the seat.

I claim as my invention—

1. A folding window-cleaning chair, comprising a seat-frame, beams or girders secured to said frame and having their outer ends upturned, an outer frame or back hinged in the upper ends of the upturned portions of said beams or girders and jointed links connected at one end to the seat portion and at the other end to the outer frame or back, substantially as shown and described.

2. A folding window-cleaning chair comprising a seat portion adapted to be secured to the bottom of the window frame or casing, an outer frame or back hinged to the seat  
5 portion and having tubular side members, an extension-frame having its side members arranged to slide in said tubular members, latches carried by said tubular members to engage the side members of the extension-

frame, and jointed links hinged to the seat portion and to the back or outer portion, substantially as shown and described.

This specification signed and witnessed this 2d day of May, A. D. 1900.

LOUIS BULASKY.

In presence of—

ANTHONY N. JESBERA,  
LOUIS R. MOORE.