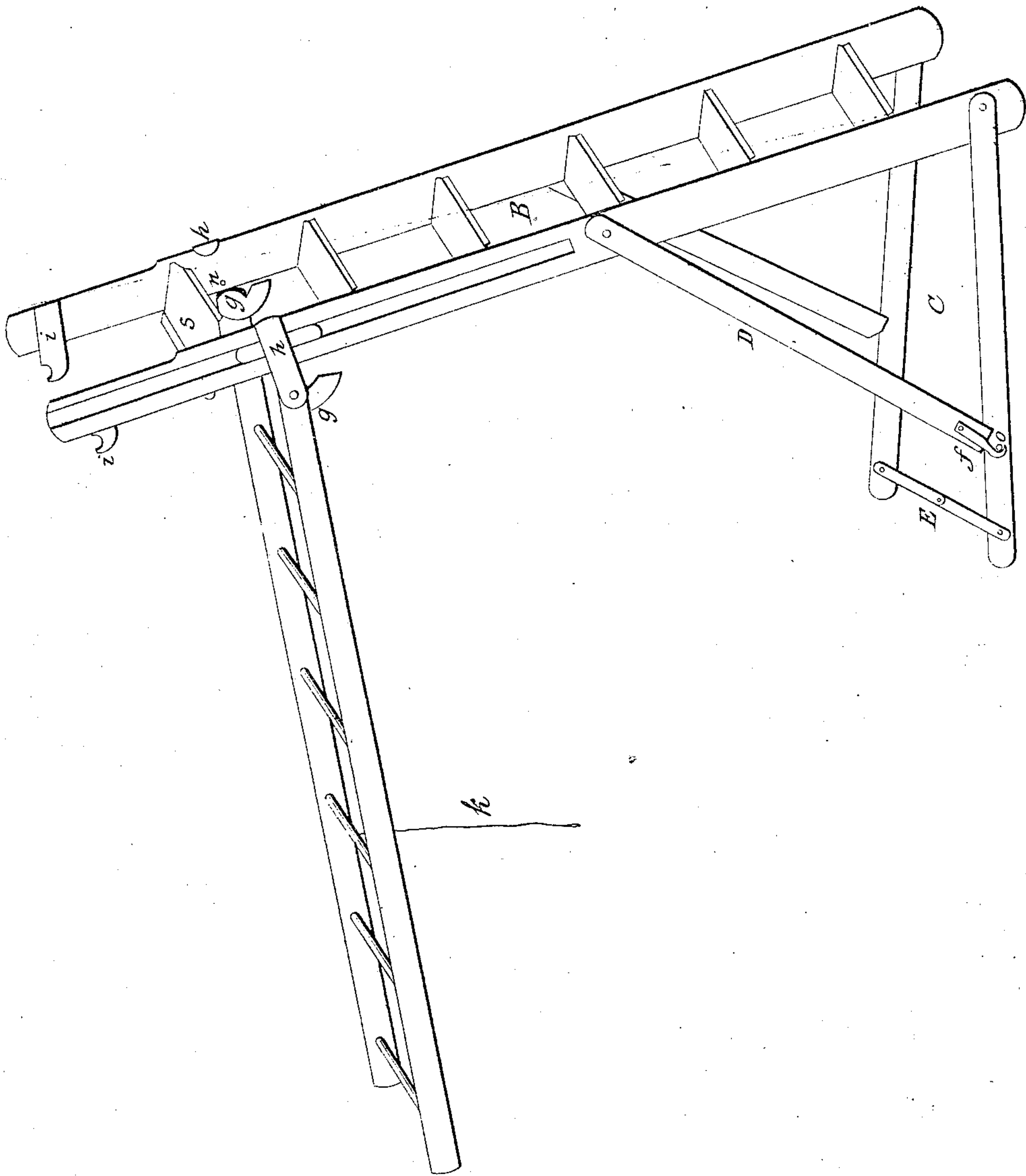


*C. Croley.*

*Ladder.*

*N<sup>o</sup> 58,781.*

*Patented Oct. 16, 1866.*



*Witnesses*  
*Frank R. Morrison*  
*J. H. Shaulk.*

*Inventor.*  
*Charles Croley*

# UNITED STATES PATENT OFFICE.

CHARLES CROLEY, OF DAYTON, OHIO.

## IMPROVED LADDER.

Specification forming part of Letters Patent No. 58,781, dated October 16, 1866

*To all whom it may concern:*

Be it known that I, CHARLES CROLEY, of Dayton, in the county of Montgomery, in the State of Ohio, have invented a new and Improved Ladder; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

The nature of my invention consists in a device forming a base for the support of the ladder, and so connecting the two parts of the ladder that they may be readily detached, and, when combined, used either as a step or extension ladder.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

The figure represents a perspective view with the part A elevated.

The two base-pieces C are connected near the lower end of ladder B, the opposite ends being connected by the jointed bar E.

The two braces D, attached to the ladder B, as represented, terminate in notches in the base-pieces, where they are held by hooks *f*, which fasten to the pin *o*. This arrangement serves to support the ladder in a suitable position to use.

The lower part of ladder B is slightly curved to make it firm, and the rails are connected by steps in the usual manner, the up-

per step being made of greater width and with a groove for the reception of the rounds of the ladder A, which is constructed with rounds, as usual, and when extended the step *s* and hooks *i i* form the support.

The pieces *h h* serve to connect the two ladders and form a sliding joint, a part moving within a groove of the rails, the ends hooking over the rounded edges of the rails.

When used as a step-ladder the projections *g g* rest against the under surface of the step *s*, and the cord *k* is fastened to a step of ladder B. The pins *n* serve to prevent the ladder A slipping down when being moved from place to place. The several parts fold snugly.

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

1. The sliding pieces *h h*, connected to the ladders A and B, substantially as and for the purposes specified.

2. The combination of the projections *g g*, the hooks *i i*, and step *s*, substantially as and for the purpose described.

3. The base-pieces C, the braces D, and jointed bar E, when constructed and arranged, with reference to the ladder B, in the manner substantially as described, and for the purpose specified.

CHARLES CROLEY.

Witnesses:

FRANK B. MORRISON,  
J. H. SHANK.