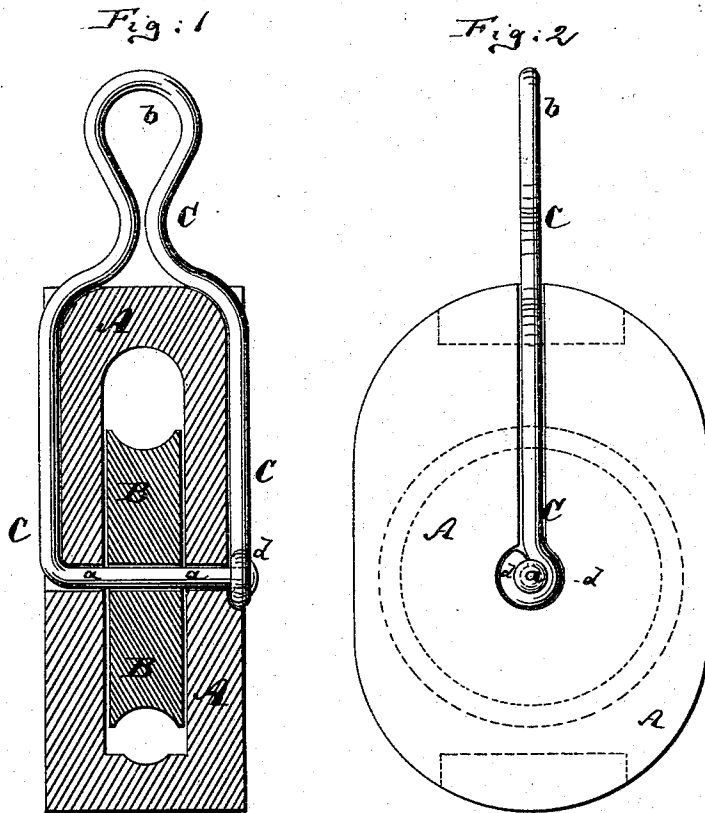


C. J. HERWEG.  
PULLEY-BLOCK.

No. 178,004.

Patented May 30, 1876.



Witnesses:  
A. Moraga.  
F. v. Briesen

Inventor  
Carl Jos. Herweg  
by his attorney  
A. v. Briesen

# UNITED STATES PATENT OFFICE.

CARL J. HERWEG, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN PULLEY-BLOCKS.

Specification forming part of Letters Patent No. **178,004**, dated May 30, 1876; application filed May 15, 1876.

*To all whom it may concern:*

Be it known that I, CARL JOSEPH HERWEG, of Brooklyn, Kings county, New York, have invented an Improved Pulley-Block, of which the following is a specification:

Figure 1 is a vertical central section of my improved pulley-block. Fig. 2 is a face view of the same.

Similar letters of reference indicate corresponding parts in both figures.

This invention has for its object to simplify the construction of a pulley-block; and consists in making the suspension-strap and the axle of the wheel from one continuous piece of wire, as hereinafter more fully described.

A in the drawing is the pulley-block, made of wood or other material of suitable form and size. B is the sheave or wheel, fitted into a slot or mortise of the block. *a* is the axle of the wheel, the same extending through the block and through the center of the wheel, which revolves thereon. This axle *a* is made of wire C of proper strength, and of such length that it can be turned upward at the outer side

of the block, and bent over the entire block, to form the suspension-loop *b*, and down again on the opposite side of the block, where I prefer to form an eye, *d*, on the end of the wire. The end of the axle part *a* is passed through this eye *d*, and riveted on the outer side thereof, as shown; but, instead of forming the eye *d* and uniting the ends of the wire C in the manner shown, the ends may be united or secured in other suitable manner.

I claim as my invention—

1. In a pulley-block, the wire C, arranged as described, to constitute the suspension-loop *b*, and the axle *a* in one continuous piece, substantially as specified.

2. The wire C, bent to form the axle *a*, loop *b*, and eye *d*, and having its ends united on a pulley-block, substantially as herein shown and described.

CARL JOS. HERWEG.

Witnesses:

ERNEST C. WEBB,  
A. MORAGA.