

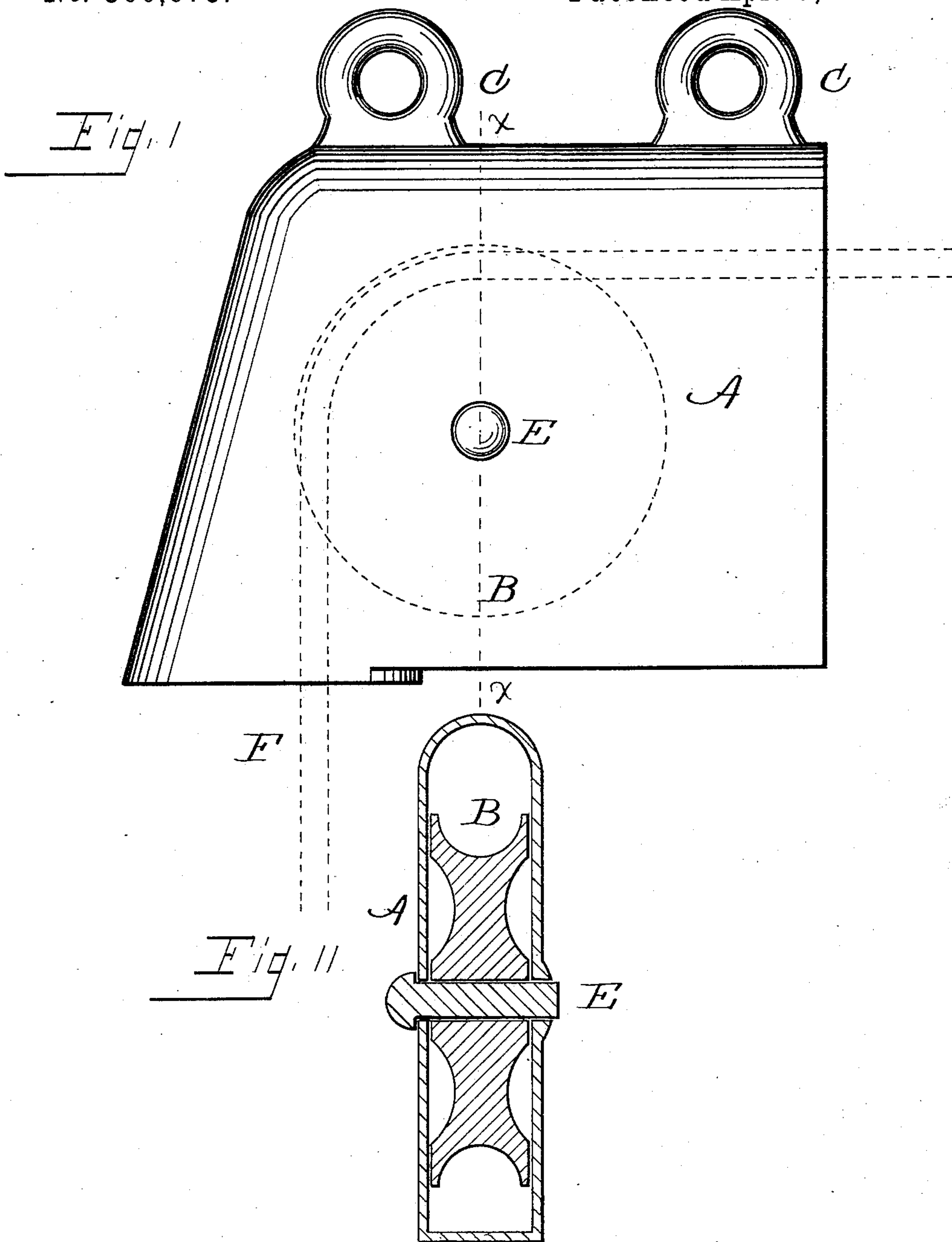
(No Model.)

J. R. FLETCHER.

PULLEY.

No. 360,675.

Patented Apr. 5, 1887.



Witnesses
B. A. Pickering.
L. S. Ribbold.

Inventor
John R. Fletcher
By *His Attorney B. Pickering*

UNITED STATES PATENT OFFICE.

JOHN R. FLETCHER, OF DAYTON, OHIO, ASSIGNOR OF ONE-HALF TO
JOSEPH E. LOWES, OF SAME PLACE.

PULLEY.

SPECIFICATION forming part of Letters Patent No. 360,675, dated April 5, 1887.

Application filed June 8, 1886. Serial No. 204,537. (No model.)

To all whom it may concern:

Be it known that I, JOHN R. FLETCHER, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Electric-Lamp Pulleys; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in electric-light pulleys; and it consists of a grooved pulley incased and adapted to be suspended from a horizontal rope stretched across the street. The electric lamp is suspended by a cord supported on the pulley, and which is protected, with the pulley, from ice and sleet by the case, which is the object of the invention. I attain the object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side view of the electric-light pulley. Fig. 2 is a vertical section of the same on the line *x*.

Like letters designate like parts throughout the several views.

A is a cast-iron case, being fully open at the right end, and has an oblong circular opening at the lower left-hand corner, and has two eyes, C, at the top, through which said case is tied to a rope stretched horizontally.

B is a grooved pulley, which is supported on the pin E for its pinion, and on which it freely turns. The circular dotted line, Fig. 1, shows the position of the pulley in the case, and the straight and curved lines B show the position of the rope that suspends an electric lamp. Said lamp is attached to the vertical end, while the other end is attached to a post, the same that supports the horizontal rope, which serves to support the said lamp above the street. The case prevents any water coming in contact with the pulley. Therefore it cannot be frozen in position. If the lamp-cord becomes covered with sleet, the pulley being free, it is not difficult to break the ice on the cord and lower the lamp when it becomes necessary to do the same to replenish the sticks of carbon.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

An inclosing-case for a pulley-wheel, provided with suspending eyes at the top and bearings in the sides for a grooved pulley, and having two openings, one vertical at the lower corner and the other opposite the closed end, all substantially as shown and described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOHN R. FLETCHER.

Witnesses:

B. PICKERING,
SUMNER T. SMITH.