P. Murray. Sheet 1, 2 Sheets.

Cable Stopper.

No. 55,343. Patented Jun. 5, 1866.

Fig. 1.

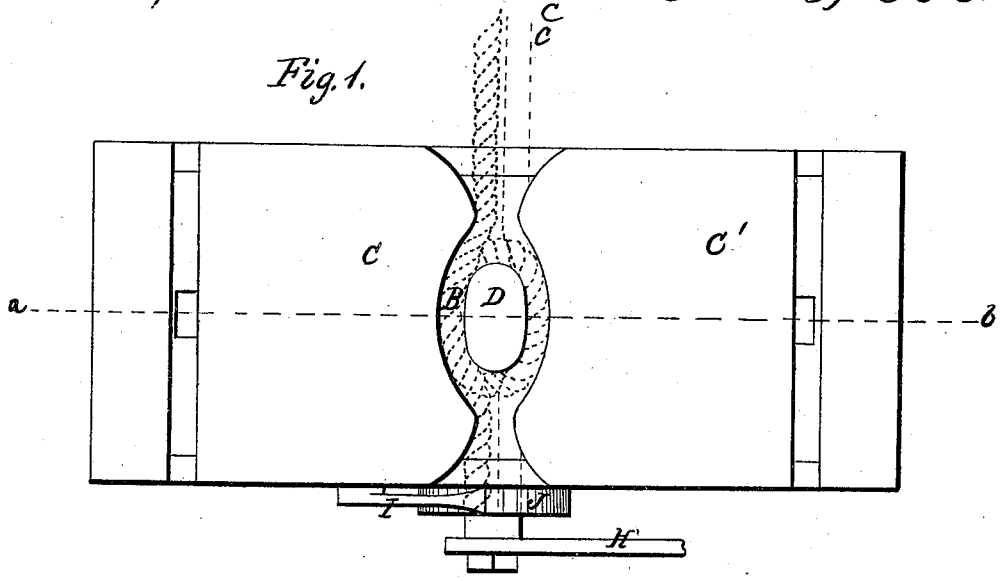
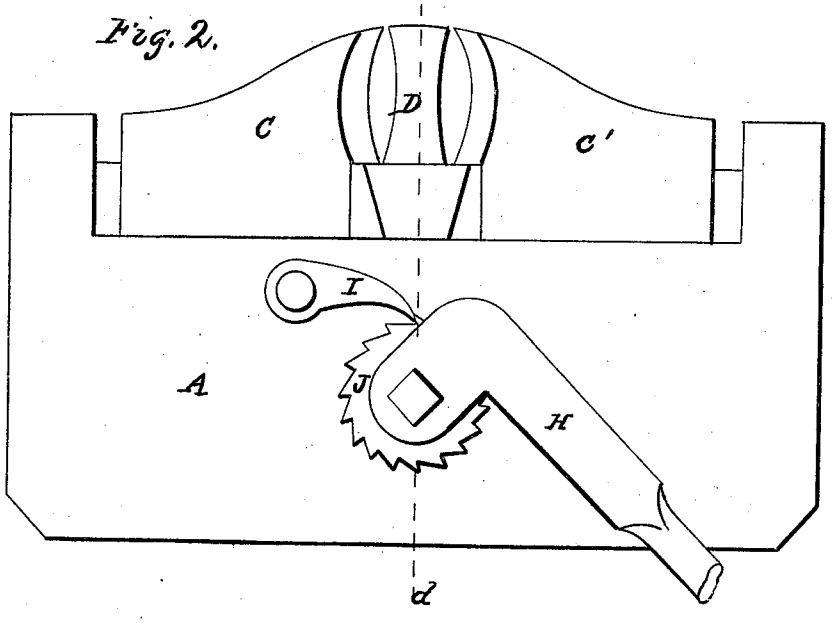


Fig. 2.



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P. Murray. Sheet 2, 2 Sheets.

Cable Stopper.

No. 55,343. Patented Jun. 5, 1866.

Fig. 3.

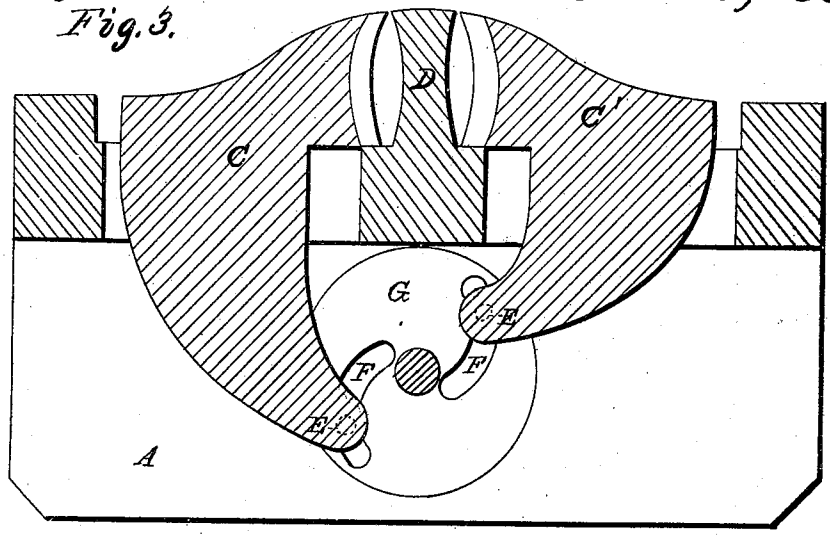
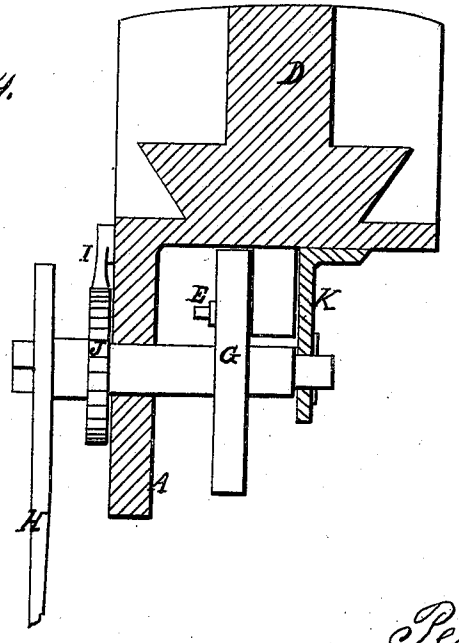


Fig. 4.



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UNITED STATES PATENT OFFICE.

PETER MURRAY, OF MILWAUKEE, WISCONSIN.

IMPROVED CABLE-STOPPER.

Specification forming part of Letters Patent No. **55,343**, dated June 5, 1866.

To all whom it may concern:

Be it known that I, PETER MURRAY, of the city and county of Milwaukee, in the State of Wisconsin, have made new and useful Improvements in Cable-Stoppers; and I do hereby declare the following to be a full, clear, and exact description of the nature, construction, and operation of the same, sufficient to enable one skilled in the art to which it is allied to construct and use the same, reference being had to the accompanying drawings, which are made a part of this specification, and in which—

Figure 1 is a top view. Fig. 2 is an elevation of the same. Fig. 3 is a section on the line *a b*, Fig. 1. Fig. 4 is a section on the line *c d*, Figs. 1 and 2.

The invention consists of a cable stopper or clutch, for the purpose of holding a line, rope, cable, or hawser over the side railing or bulwarks of a ship, dock, or wharf, for the purpose of safely, expeditiously, and effectually arresting its motion.

The ordinary position of the clutch will be upon the rail A of a ship, over which the rope B runs or is paid out.

The device consists of sliding jaws C C′ and a stationary center pin, D, the rope B being pressed against the pin D by the pressure of the sliding jaws C C′, which are caused to approach each other by means of the engagement of the pins E with the oblique slots F in the wheel G, which is revolved by the lever H and retained at a given point by the pawl and ratchet I J.

The rope may be wrapped around the center pin, D, or pressed against one side of it only. In the latter case, by making one jaw permanent and the other movable, a center pin may be dispensed with and the projecting face of one jaw be caused to pinch the rope against a corresponding depression in the other.

K is a bracket holding the inner end of the rotating shaft. The jaws slide in dovetail rabbets on the rail of the ship or other structure to which they are attached.

The pin upon the lower end or ends of the projections from the jaws may be engaged by any cam or eccentric which will have the effect of moving it or them toward the stationary device against which the rope is to be clamped, or two connecting-rods united by wrists to the jaws and wheel may have a similar effect.

The required pressure is brought to bear by means of the lever H.

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

The combination of the movable jaws or jaw C C′ with the stationary pin or jaw D, eccentrically-slotted wheel G, and lever H, all constructed and arranged to operate substantially as and for the purpose herein described.

PETER MURRAY.

Witnesses:

CARL SCHONEMANN,

N. H. MERRIT.