O. F. GARVEY.

RING-HOLDERS FOR SPINNING AND TWISTING FRAMES.

No. 184,205. Patented Nov. 7, 1876.

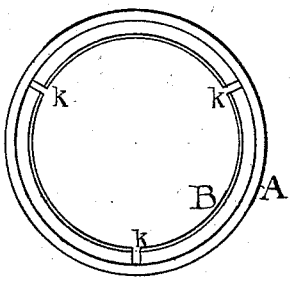

Fig. 1.

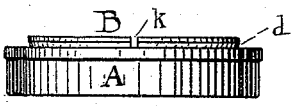

Fig. 2.

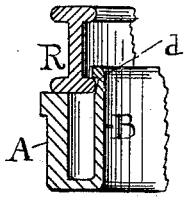

Fig. 3.

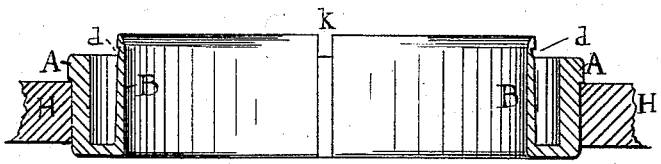

Fig. 4.

WITNESSES.

N. Evans Jr.

Frank G. Parker

INVENTOR

Orin F. Garvey

per William Edson Atty

UNITED STATES PATENT OFFICE.

OWEN F. GARVEY, OF PAWTUCKET, RHODE ISLAND, ASSIGNOR TO HENRY F. JENKS, OF SAME PLACE.

IMPROVEMENT IN RING-HOLDERS FOR SPINNING AND TWISTING FRAMES.

Specification forming part of Letters Patent No. **184,205**, dated November 7, 1876; application filed February 7, 1876.

To all whom it may concern:

Be it known that I, OWEN F. GARVEY, of Pawtucket, in the county of Providence and State of Rhode Island, have invented an Improvement in Ring-Holders for Spinning and Twister Frames, of which the following is a specification:

My invention consists in making a ring-holder of a U-shaped radial section, the holder being in fact an annular trough, the exterior side forming the part of the holder which fits into the frame of the machine, while the interior side or lip is undercut at its upper edge for receiving the ring, and kerfed, so that it may be readily sprung to receive the ring or to admit of its being removed.

Figure 1 is a plan of the ring-holder. Fig. 2 is an elevation of the same. Fig. 3 is a radial section, also showing the ring in position, parts enlarged. Fig. 4 is a diametrical section, also enlarged.

My improved ring may be made of any suitable material, and may be cast, turned up, spun, or swaged. In form it consists of a U-shaped ring. (Plainly shown in section in Figs. 3 and 4.)

The inner member B is undercut at *d* to receive the ring R, Fig. 3. This member is also kerfed, as shown at *k*, Figs. 1, 2, and 4, so that it may easily spring or yield enough to allow of placing or displacing the ring R.

The holder may be fastened to the ring-rail by a set-screw, in the usual manner.

Having now described the construction and operation of my invention, what I claim as my invention is as follows:

1. A ring-holder formed, substantially as described, of the two concentric members A and B, the outer member being adapted to take bearing in the ring-rail, and the inner member being adapted to hold or clamp the ring in place, as set forth.

2. A ring-holder formed, substantially as described, of the two concentric members A and B, the outer member being adapted to take bearing in the ring-rail, and the inner member kerfed longitudinally, to admit of its being sprung within the ring, as set forth.

OWEN F. GARVEY.

Witnesses:

JOHN P. GREGORY,

DAVID J. WHITE.