

H. L. PEIRCE.
Traveler for Spinning-Rings.

No. 216,806.

Patented June 24, 1879.

Fig. 1.

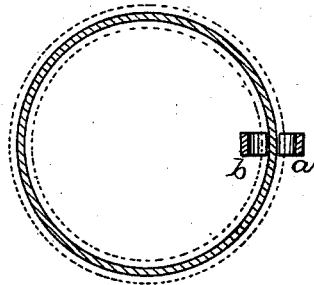
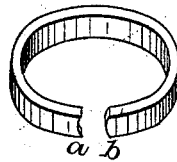


Fig. 2.



Witnesses:

J. W. Garner
W. S. D. Barnes —

Inventor:

H. L. Peirce
per

T. A. Schmann,
att'y.

UNITED STATES PATENT OFFICE

HORATIO L. PEIRCE, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN TRAVELERS FOR SPINNING-RINGS.

Specification forming part of Letters Patent No. **216,806**, dated June 24, 1879; application filed February 28, 1879.

To all whom it may concern:

Be it known that I, HORATIO L. PEIRCE, of Providence, in the county of Providence, and State of Rhode Island, have invented a new and useful Improvement in Travelers for Spinning-Rings; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 of the drawings shows a sectional plan view of a spinning-ring with a traveler attached.

The improvement consists in making a ring-traveler in an elliptical form, as shown in Fig. 2 of the accompanying drawings, with one end, *a*, concave, to fit the outer circle of the ring, and the other end, *b*, convex, to fit the inner circle of the ring.

When the ends are cut, as shown in Fig. 2 of the drawings, a small opening can be used, as the convex surface *a* of the end of the trav-

eler will fit up against the outer rounded surface of the ring, consequently the inner end of the traveler *b*, which is convex, will reach farther over the top of the flange, and facilitate the putting on of the traveler.

Having thus fully described my invention, and set forth its advantages, what I claim, and wish to secure by Letters Patent, as an article of manufacture, is—

An elliptical-shaped traveler, constructed with one of its points rounded convexly, and the other in a concave shape to fit the inner and outer surfaces of the ring upon which it runs, substantially as described and set forth, for the purposes specified.

This specification signed and witnessed this 17th day of February, A. D. 1879.

HORATIO L. PEIRCE.

In presence of—
P. C. SCOTT,
L. E. ROSS.