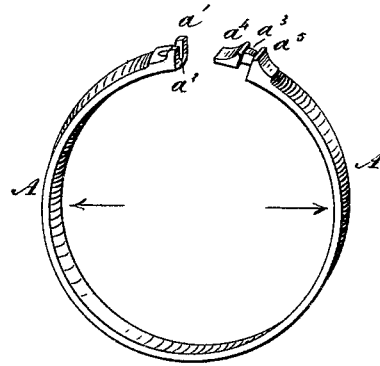


J. W. JOCHIM.  
Key-Ring.

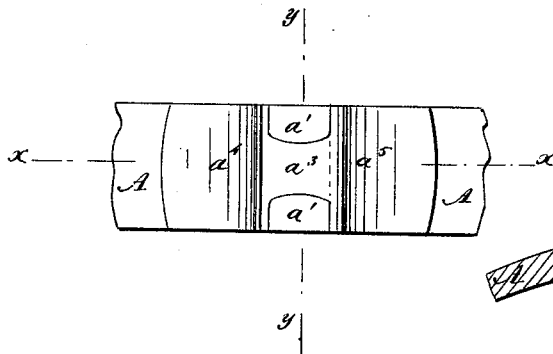
No. 219,952.

Patented Sept. 23, 1879.

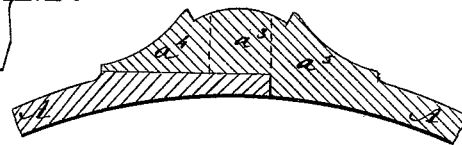
*Fig. 1*



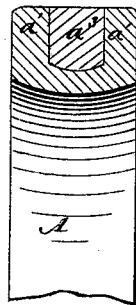
*Fig. 2*



*Fig. 3*



*Fig. 4*



WITNESSES:

*C. Newell*  
*C. Sedgwick*

INVENTOR:

*J. W. Jochim*  
BY *Mum & Co.*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JOHN W. JOCHIM, OF ISHPERING, MICHIGAN.

## IMPROVEMENT IN KEY-RINGS.

Specification forming part of Letters Patent No. **219,952**, dated September 23, 1879; application filed July 26, 1879.

### *To all whom it may concern:*

Be it known that I, JOHN W. JOCHIM, of Ishpeming, in the county of Marquette and State of Michigan, have invented a new and useful Improvement in Key-Rings, of which the following is a specification.

Figure 1 is a perspective view of one of my improved key-rings opened. Fig. 2 is a detail view of the locked ends of the ring. Fig. 3 is a longitudinal section of the same, taken through the line *x x*, Fig. 2. Fig. 4 is a cross-section of the same, taken through the line *y y*, Fig. 2.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved key-ring which shall be so constructed that it will not be liable to open accidentally, and which shall be simple in construction and convenient in use.

The invention consists in an improved key-ring formed of the open ring having a notched flange formed upon one end, and a neck, a head, and a shoulder formed upon the other end, to interlock with each other, as hereinafter fully described.

A is an open ring, upon one end of which is formed an outwardly-projecting flange, *a*<sup>1</sup>, having a notch, *a*<sup>2</sup>, in its center, to receive the neck *a*<sup>3</sup> of the head *a*<sup>4</sup>, formed upon the other

end of the ring A. The neck *a*<sup>3</sup> is made of a length equal to the thickness of the flange *a*<sup>1</sup>. The head *a*<sup>4</sup> is so formed as to fit into the angle between the body of the ring A and the outer side of the flange *a*<sup>1</sup>. Upon the ring A, at the base of the neck *a*<sup>3</sup>, is formed a shoulder, *a*<sup>5</sup>, corresponding in shape and size with the head *a*<sup>4</sup>, so that the two ends of the projection formed by the fastening may be uniform in appearance.

The key-ring is opened by pressing one end of the open ring A inward and the other end outward, and then drawing the said ends apart.

The ring is closed or fastened by reversing this operation.

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

An improved key-ring formed of the open ring A, having a notched flange, *a*<sup>1</sup> *a*<sup>2</sup>, formed upon one end, and a neck, *a*<sup>3</sup>, a head, *a*<sup>4</sup>, and a shoulder, *a*<sup>5</sup>, formed upon the other end, to interlock with each other, substantially as herein shown and described.

JOHN WALFRID JOCHIM.

Witnesses:

GEO. W. HAYDEN,  
SEVERIN A. THOMPSON.