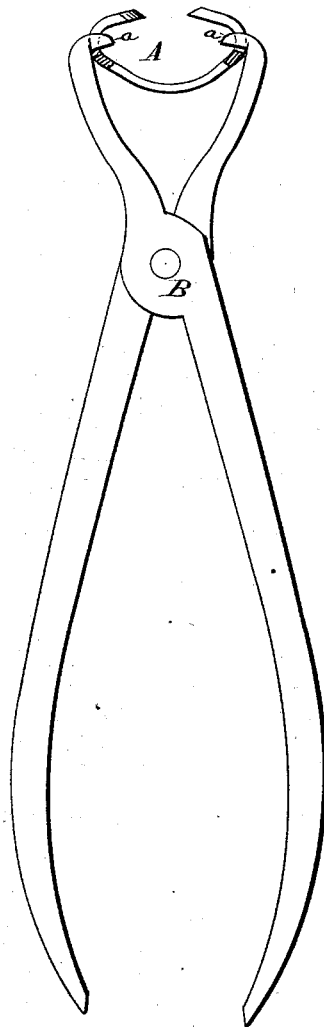


A. St. MARY.  
Hog-Ring and Ringing Implement.  
No. 216,468.                      Patented June 10, 1879.

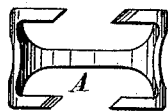
*Fig: 1.*



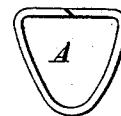
*Fig: 2.*



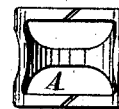
*Fig: 3.*



*Fig: 4.*



*Fig: 5.*



WITNESSES:

*Achilles Schuhl.*  
*C. Sedgwick*

INVENTOR:

*A. St. Mary*  
BY *Mum & Co.*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

ANTHONY ST. MARY, OF DECATUR, ILLINOIS.

## IMPROVEMENT IN HOG-RING AND RINGING IMPLEMENT.

Specification forming part of Letters Patent No. **216,468**, dated June 10, 1879; application filed March 10, 1879.

*To all whom it may concern:*

Be it known that I, ANTHONY ST. MARY, of Decatur, in the county of Macon and State of Illinois, have invented a new and Improved Hog-Ring, of which the following is a specification.

Figure 1 shows the ring and the instrument with which it is applied. Fig. 2 is a side view of the open ring. Fig. 3 is a plan of the open ring. Fig. 4 is a side view of the closed ring. Fig. 5 is a plan view of the closed ring.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved ring for insertion in the nose of a hog, and also to provide a suitable instrument for performing the operation.

In the drawings, A is the ring, and B the ringer, with which the ring is inserted.

The ring in its central section is single, and it widens out toward each end into a two-pronged fork, and each pair of prongs is beveled to sharp points, as shown, so as to make close-fitting joints with the opposite ones when brought against them, and in order also to give them easy penetration through the septum of the nose.

The ring is made of wrought or malleable iron that will safely withstand the bending and compression to which the ring is necessarily subjected during the process of applying it, and that will be strong and rigid enough to hold in its position.

The single ring in common use causes great discomfort to the hog by turning and twisting, and, besides, it frequently cuts out of the septum, causing pain and injury. This ring, with

its two points of attachment, can neither turn nor twist, nor is there any liability of its cutting or being torn out.

It secures as good a hold as will two rings, and yet presents outside of the nose the appearance of but a single ring. Though especially designed for application to a hog's nose, it may be as easily used for cattle.

As a ring of this shape demands for its application an instrument especially fitted to it, I have designed for this purpose the ringer shown in Fig. 1. It consists, essentially, of a pair of pinchers with inward-turning points or lugs *a'*, that fit between the prongs of the forked ends of the ring, as shown in the drawings.

The ringer holds the ring in the position shown, inserts it over the septum of the hog's nose, and compresses it so that the points are pressed through and secured.

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

1. The hog-ring A, herein described, made of wrought or malleable iron, having a single central section, and with each end forked into two prongs with sharp beveled points, and adapted to receive the lugs *a* of the ringer B, substantially as herein shown and described.

2. The ringer B, consisting of a pair of pinchers provided with the inwardly-projecting points or lugs *a*, adapted to fit between the prongs of the forked ends of the ring A, substantially as and for the purpose described.

ANTHONY ST. MARY.

Witnesses:

R. R. MONTGOMERY,  
JASON ROGERS.