

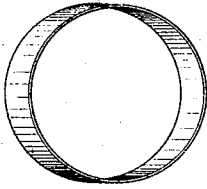
*S. Siebold,*

*Terret Lining.*

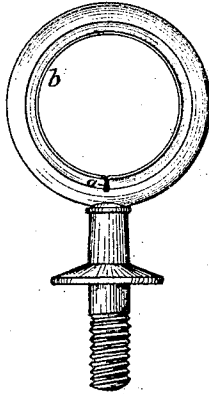
*No. 101,387.*

*Patented Mar. 29, 1870.*

*Fig. 1.*



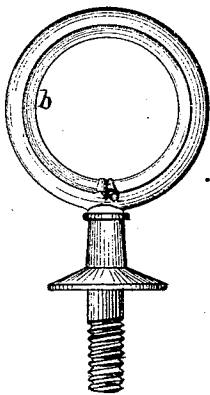
*Fig. 2.*



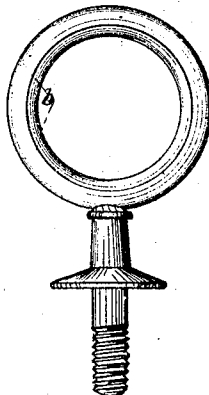
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



*Witnesses:*  
*M. H. Kinckel*  
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*Inventor:*  
*Severin Siebold*  
*by John A. Diersheim*  
*Atty.*

# United States Patent Office.

SEVERIN SIEBOLD, OF SYRACUSE, NEW YORK, ASSIGNOR TO HIMSELF  
AND P. BURNS, OF SAME PLACE.

Letters Patent No. 101,387, dated March 29, 1870.

## IMPROVEMENT IN TERRET LINING.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, SEVERIN SIEBOLD, of Syracuse, in the county of Onondaga and State of New York, have invented a new and useful Improvement in Lining Terrets; and I do hereby declare the following to be a clear and exact description of the same, sufficient to enable others skilled in the art to which the invention appertains to fully understand and use the same, reference being had to the accompanying drawings which are made a part of this specification, and the several figures of which will be particularly mentioned in explanation of the consecutive steps or stages of the process under which the invention is carried out.

It is customary to line the interior of iron terret rings with another or different kind of metal, which is swaged to the ring so as to form a firmly united continuous sheathing for the internal surface. Hitherto a lining strip of proper length having been obtained, the ends of the strip were joined by brazing, and the flat ring, fig. 1, so formed, was applied or united to the terret by swaging, as aforesaid. The separation of the ends of the brazed lining ring, either during the act of swaging the same or subsequently in using the article, has been of frequent occurrence, and it is the especial object of my invention to so secure the ends of the lining strip that they shall, during the process of applying the lining or after the lining has been applied, be capable of withstanding any force having a tendency to separate them or disturb their proper relative positions.

To this end I provide the inside of the terret ring with a slit or fissure, as shown at *a*, Figures 2 and 4, wherein are inserted and tightly held the ends of the lining strip *b*.

In lining the ring according to my improved plan the strip is introduced, as seen in Figure 3, then the

ends of the strip are forced into the fissure *a* and the article submitted to a swaging process, which clamps the strip *b* to the surface of the ring, as may be represented in fig. 4.

A further swaging process may be necessary in order to completely adapt the lining to the surface of the terret ring, and give it the finished and neat appearance exhibited in Figure 5. When the lining has been completed the joint or junction of the ends of the strip is scarcely, if at all, perceptible. A separate slit or fissure may be employed to receive each end of the lining strip. The two such slits should be so near together as to enable the finishing to be done as though only one slit were made use of.

These are obvious reasons pointing to the superiority of a terret lined according to my invention. The invention greatly cheapens and simplifies the manufacture.

Harness check-hooks may also be lined in the same manner by cutting or forming two slots therein, one of which shall be at or near the upper termination of the hook and the other at or near the lower termination thereof, and then lining the hook in a manner similar to that of the terret.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

A terret having the ends of its lining secured by means of a fissure or narrow opening in the terret ring, substantially as and for the purpose herein set forth.

The above signed by me this 23d day of February, 1870.

SEVERIN SIEBOLD.

Witnesses:

W. S. HUNTINGTON,  
D. P. COWL.