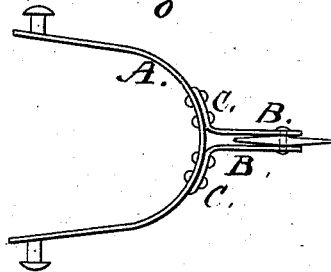


T. BECK.  
Spur.

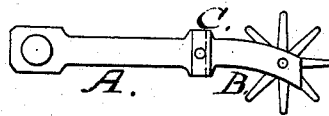
No. 219,199.

Patented Sept. 2, 1879.

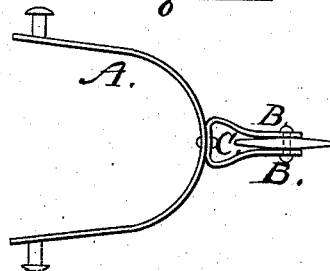
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Attest:

*J. M. Brown*  
*James L. Lynde*

Inventor.

*Trangott Beck*  
*By Horace Harris*  
*Att'y*

# UNITED STATES PATENT OFFICE.

TRAUGOTT BECK, OF NEWARK, NEW JERSEY, ASSIGNOR TO CAROLINE BECK, OF SAME PLACE.

## IMPROVEMENT IN SPURS.

Specification forming part of Letters Patent No. **219,199**, dated September 2, 1879; application filed April 18, 1879.

*To all whom it may concern:*

Be it known that I, TRAUGOTT BECK, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Spurs, of which the following is a specification.

In the drawings, Figure 1 is an edge view of a spur having the arms of the neck in two pieces. Fig. 2 is a side view. Fig. 3 is an edge view, showing the arms in one piece.

My invention relates to spurs having the sides and rowel-arms cut out from sheet metal and bent into shape, and is designed as an improvement on my former invention, which was filed in the Patent Office, March 24, 1879, in which the sides and rowel-arms, in two pieces, were each composed of integral parts, a portion of the end of the side pieces at the heel being bent up to receive the rowel.

My improvement consists in making the band of one piece, and in riveting to the heel portion thereof the rowel-arms, by means of a flange, directly to the band. Riveting the rowel-arms thus directly to the band-piece is the one feature of the invention, in contradistinction to forming them an integral part of

the sides, or riveted by means of an added plate.

A is a band or side piece, one piece forming the whole band; B, the arms, riveted directly to the band through the flange C, bent to conform to the shape of the band at the heel portion; and this is done as in Fig. 2, where the pieces are united and the flange is between them, or as in Fig. 1, where the pieces are separated and the flange is bent outward. In each case the principle and effect are the same where economy in metal (allowing the use of small pieces) and reduction of cost are contemplated.

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

In an improved spur, the sides or band A, cut from sheet metal, and the rowel-arms B, also cut from the same, provided with the flanges C, which are riveted directly to the band at the heel portion, substantially as and for the purpose specified.

TRAUGOTT BECK.

Witnesses:

HORACE HARRIS,  
S. W. BONNEL.