

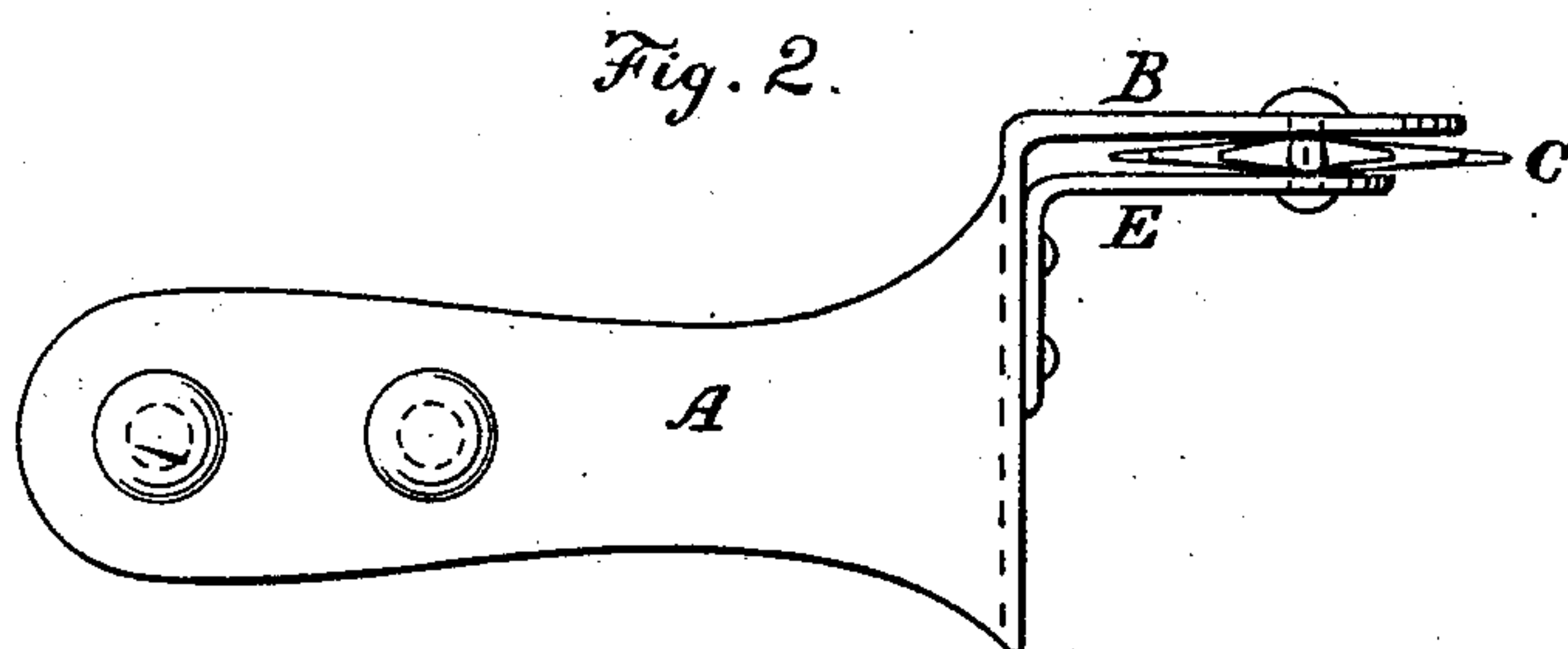
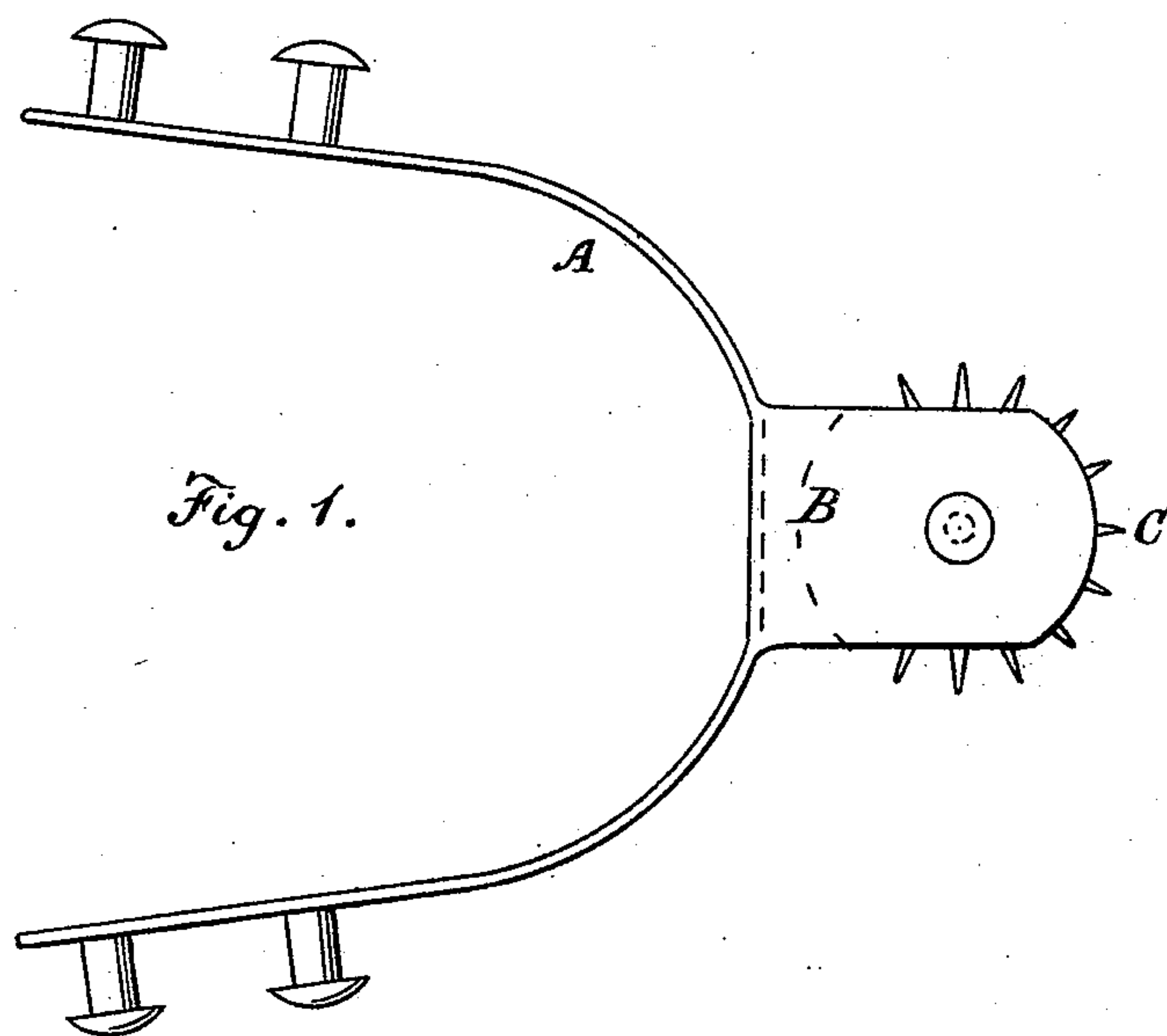
(No Model.)

A. BUERMANN.

SPUR.

No. 251,336.

Patented Dec. 20, 1881.



Witnesses :  
G. B. Fowler.  
W. Burris

Inventor :  
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# UNITED STATES PATENT OFFICE.

AUGUST BUERMANN, OF NEWARK, NEW JERSEY.

## SPUR.

SPECIFICATION forming part of Letters Patent No. 251,336, dated December 20, 1881.

Application filed June 8, 1881. (No model.)

*To all whom it may concern:*

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

My invention relates to spurs; and it consists in a certain improvement in the construction of the same, as herein shown and described. The attaching-band or foot portion  
10 of the spur is provided with an integral upward extension adapted to be folded back at right angles to form one of the supporting-arms for the rowel. Directly undersaid supporting-  
15 arm a second arm is provided, which is riveted to the band, and the rowel is pivoted between the said arms, as shown.

In the accompanying drawings, Figure 1 represents a plan view of a spur having my improvements. Fig. 2 represents a side view of the same.

A designates the band or foot portion of the spur, and B the upward extension folded back at right angles to form a supporting-arm for the rowel. E designates the other rowel-arm  
25 riveted to the band A below the arm B, the rowel C being pivoted between the two arms, as shown in the drawings.

I claim—

An improved spur consisting of the band A, 30 the integral arm B, bent over at right angles to the vertical plane of the band, and a supplemental arm, E, fastened to the band below the arm B, and a rowel, C, pivoted between such arms, all as set forth and shown.

AUGUST BUERMANN.

Witnesses:

HORACE HARRIS,  
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