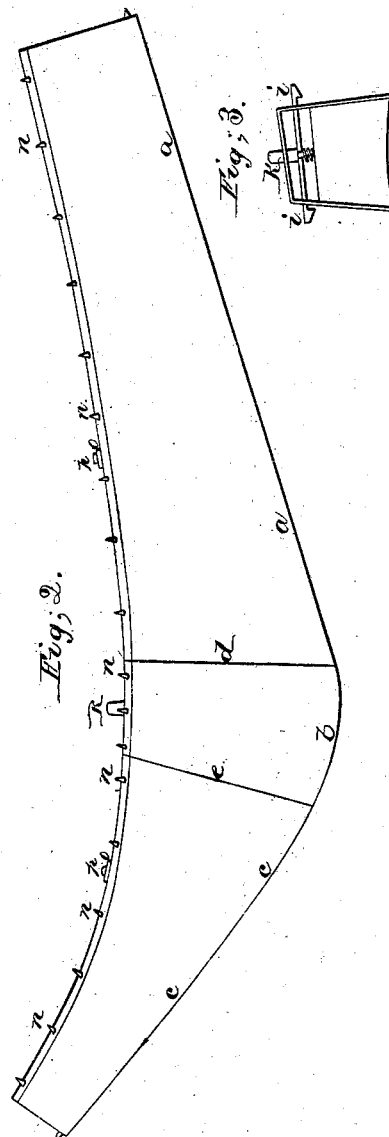
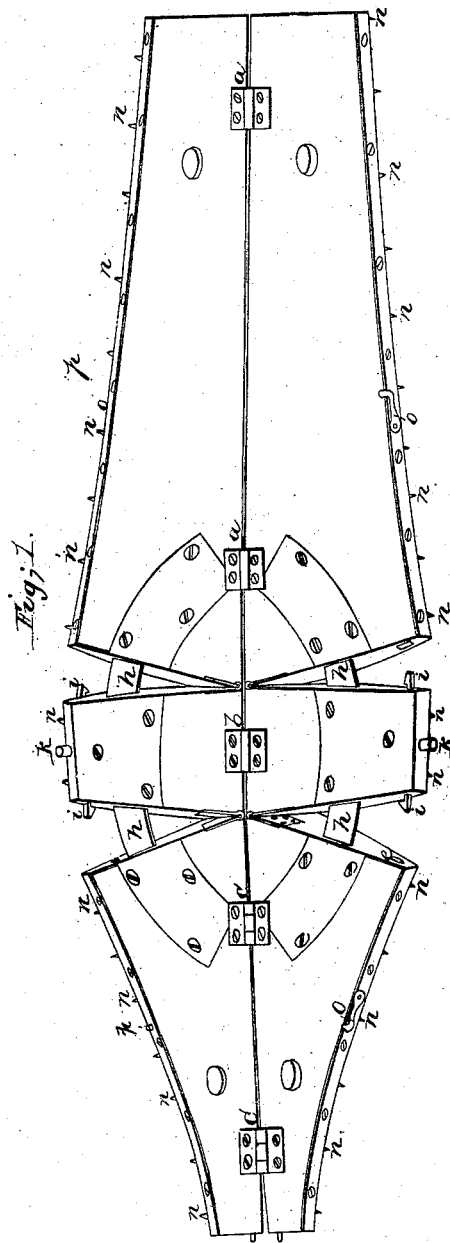


# J. S. Barkdull, Collar Machine.

N<sup>o</sup> 3,661.

Patented July 13, 1844.



# UNITED STATES PATENT OFFICE.

JOSEPH S. BARKDULL, OF BALLSTON SPA, NEW YORK.

## CRIMP FOR COLLAR-PADS.

Specification of Letters Patent No. 3,661, dated July 13, 1844.

*To all whom it may concern:*

Be it known that I, JOSEPH S. BARKDULL, of Ballston Spa, county of Saratoga, and State of New York, have invented a new and useful Improvement in Crimping Collar-Pads, which I denominate "Barkdull's Collar-Crimp;" and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the drawings attached hereto, which make a part of this specification, in which—

Figure 1 is a view of the crimp open; Fig. 2 the same closed.

The nature of my invention consists in constructing a crimp that may be opened to receive the leather and then closed bringing the leather into the shape required in crimping.

The crimp is constructed in the following way; two flat pieces of wood are laid together and formed into the required shape for a collar pad as shown at Fig. 2, these are connected together on thin convex edge by five hinges, two of which are situated at the points (*a*) on the upper part, where it is nearly straight; another hinge is placed just at the point of greatest curve (*b*) and the others near the lower end (*c*); it will be obvious that these would not allow the two halves to open without some other apparatus in addition; the two halves are therefore cut through across, on lines (*d* and *e*) on each side of the shortest curve (*b*), and detach the center from the two ends, these are connected by hinges so as to allow the ends to fall back and bring the hinges (*a*, *b*, and *c*,) nearly on a line with each other, and thus permit the halves to open as shown in Fig. 1. From the center pieces (*b*) segmental arms (*h*) project; they are let into these center pieces near the inner or concave edge and fastened; and

they run into the end pieces (*a* and *c*), one into each, and steady them and keep all parts in the same plane while open, and guide them when closing up together—still nearer the inner edge of the center pieces are four spring bolts (*i*), two in each piece, these project beyond the piece on each side and catch, by means of a hooked formed end, into the end pieces (*a* and *c*) when they are closed up against the center; a thumb-piece (*k*) is projected from the inner edge of each center piece and rest on the spring bolts (*i*) by bearing down on these, the end pieces are released—a more perfect drawing of this apparatus is shown at Fig. 3, where the same letters are used to designate similar parts.

The inner edge of all the pieces or that edge which is concave, may be shielded by a plate of metal, running their whole length, and along the outer corners of these edges, there is a row of sharp pointed pins or hooks (*n*) that stand out a little flaring onto these, the leather to be crimped is hitched, and it is also hitched to others at each end. This is done, while the crimp is open as shown in Fig. 1, after which, the crimp is closed up and the spring bolts secure the end pieces to the center ones; the two halves are held together by hooks (*o*) that are attached to one half and catch over pins (*p*) projecting from the other.

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

The combination and arrangement of the parts (*a*, *b*, *c*,) constructed and arranged substantially in the manner herein set forth.

JOSEPH S. BARKDULL.

Witnesses:

HORACE GOODRICH,  
GEORGE SATTERLEE.