

(No Model.)

A. LOBDELL.

MANUFACTURE OF ROUND REINS, &c.

No. 379,796.

Patented Mar. 20. 1888.

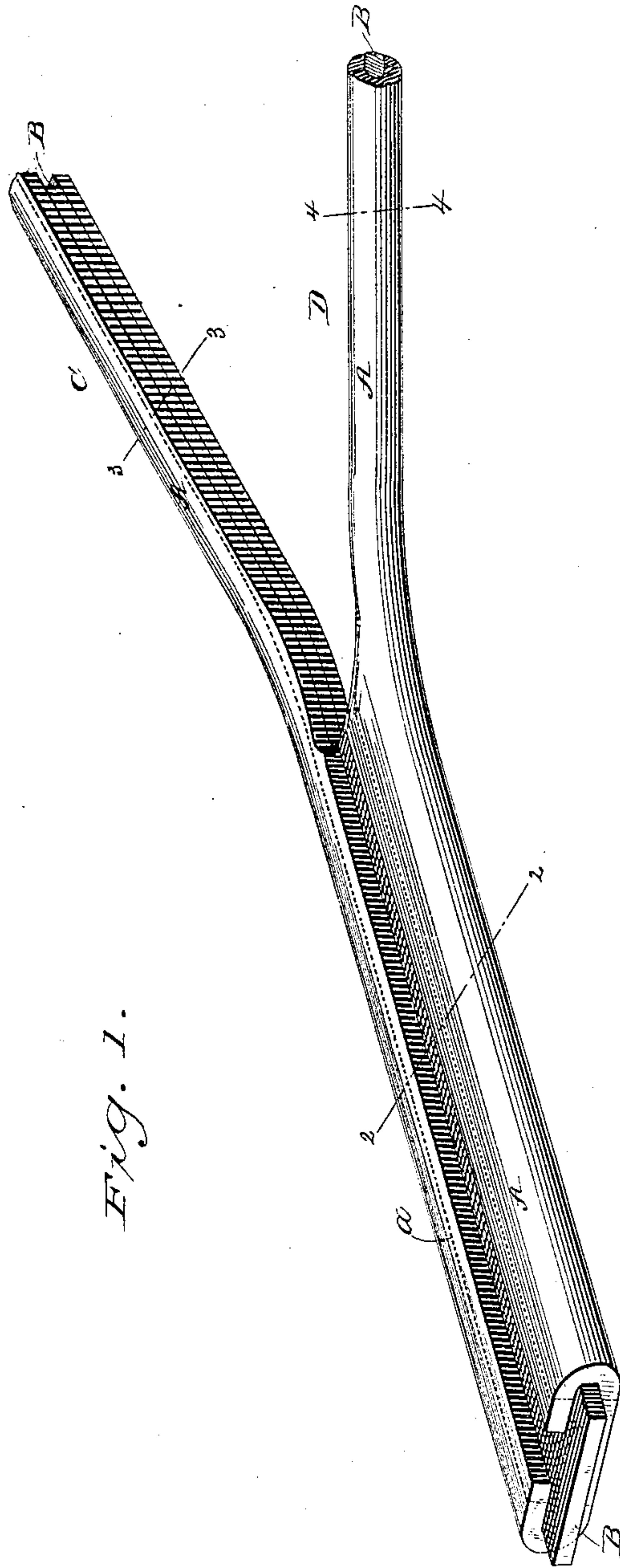


Fig. 1.

Fig. 4.

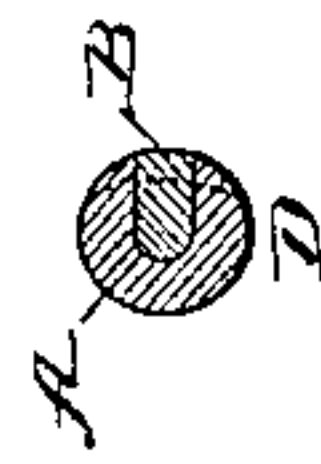
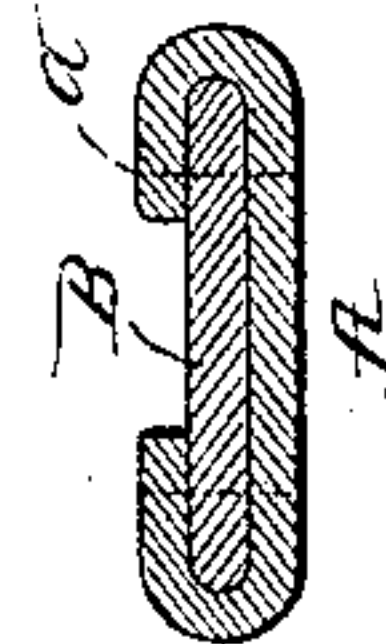


Fig. 3.



Fig. 2.



Witnesses,
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UNITED STATES PATENT OFFICE.

ALONZO LOBDELL, OF RACINE, WISCONSIN.

MANUFACTURE OF ROUND REINS, &c.

SPECIFICATION forming part of Letters Patent No. 379,796, dated March 20, 1888.

Application filed October 13, 1887. Serial No. 252,205. (No model.)

To all whom it may concern:

Be it known that I, ALONZO LOBDELL, of Racine, in the county of Racine, and in the State of Wisconsin, have invented certain new and useful Improvements in Processes of Manufacturing Round Bridles, Reins, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to the manufacture of filled round bridles, winker-braces, and the like, as will be fully set forth hereinafter.

In the drawings, Figure 1 is a perspective view of a sample showing the various steps in the manufacture of a round rein according to my invention. Fig. 2 is a section taken on line 2 2, Fig. 1. Fig. 3 is a section on line 3 3, and Fig. 4 a section on line 4 4, showing the completed portion of the sample.

In making reins according to my process a strip of leather is run through a former and given the shape shown at A, and into the groove resulting from this form is thrust a strip of leather, B, just wide enough to fill the groove; then this composite strip is machine-sewed on each side, as indicated by dotted lines *a*, after which the two sides are split apart and trimmed, as shown in the upper portion of Fig. 1.

If a winker-brace is to be made, the strips A and B are only split as far as shown in the drawings, forming ends C D, and by means of a former the ends are rounded to the shape shown at D, Fig. 1; but if two reins are desired, then the strips A B are split clear through and the two parts finished, as at D, after being trimmed.

The sewing is done by machine, and it can be done very rapidly, as the filling B is held in place by the flaps of the strip A, and the operator has but to follow his marked line as he runs the piece under the needle.

Heretofore filled round reins have of necessity been made by hand-sewing, as no means had been devised for holding the filling in the strip by which it was covered as it was presented to the needle; but my invention entirely obviates this difficulty, and therefore greatly simplifies the manufacture of this class of goods.

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

The process herein described of making filled round bridles, reins, &c., which consists in first shaping the outer leather into a double U form, then slipping the filling-strip into it, then sewing the outer strip and filling-strip together on lines on each side of the central opening, and finally splitting the two strips midway between the edges of the outside strip and finishing each strip so made in the usual way, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Racine, in the county of Racine and State of Wisconsin, in the presence of two witnesses.

ALONZO LOBDELL.

Witnesses:

S. S. STOUT,
ADOLPH SCHAMP.