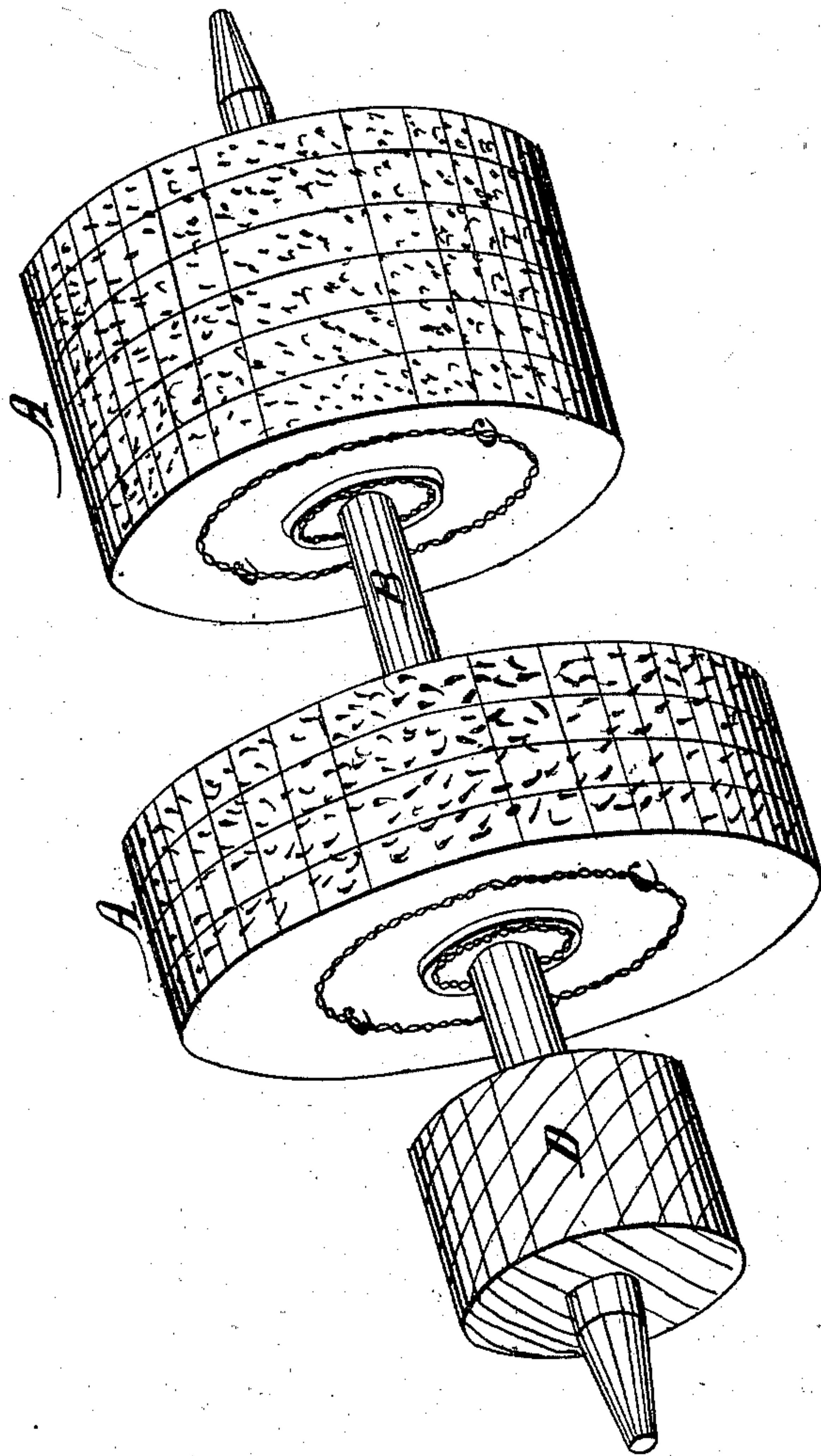


No. 3,380.

PATENTED DEC. 15, 1843.

L. BOARDMAN.
BUFF FOR POLISHING SPOONS.



UNITED STATES PATENT OFFICE.

LUTHER BOARDMAN, OF EAST HADDAM, CONNECTICUT.

BUFF FOR POLISHING SPOONS AND OTHER ARTICLES.

Specification forming part of Letters Patent No. 3,380, dated December 15, 1843; Reissued October 7, 1856, No. 399.

To all whom it may concern:

Be it known that I, LUTHER BOARDMAN, of East Haddam, in the county of Middlesex and State of Connecticut, have invented an Improvement in the Manner of Forming Circular Buffs of Leather for the Polishing of Spoons of Britannia Metal and other Articles of Like Character; and I do hereby declare that the following is a full and exact description thereof.

I take thick leather which is so tanned and dressed as to be of a soft texture adapted to the making of polishing buffs, and this I cut into circular pieces of the size required, say from two or three inches to a foot in diameter. These circular pieces I place together so as to make the required thickness for the buff, say from one to two inches. I then stitch them together at the distance of an inch, more or less, from their edges, by a row of stitches forming a circle, leaving the respective pieces loose in every other part. Through the center of the buff, thus formed, I make a hole to receive a spindle, adapted to a polishing lathe, securing the buff to said spindle in such manner as that it shall not turn thereon. The buffs thus formed have the pieces of leather of which they are formed perfectly free from each other excepting when they are united by stitching, and in consequence thereof they operate very differently from such as have the respective pieces of leather of which they are formed joined together by glue, or other cement, or forced together by unyielding heads. These disks of leather will yield at the edges, and will adapt them-

selves more perfectly to the form of the article held against them, than when made in any of the modes heretofore adapted. The polish effected by them is more rapidly produced, and is more perfect, any coarse particles in the polishing substance bedding itself into the yielding buff.

It is necessary in using such buffs, to give to them a very rapid motion, as the centrifugal force thus generated keeps the edges of the leather together, while it does not prevent that yielding which is necessary to their proper action.

In the accompanying drawing A, A, are two such buffs of leather, upon a spindle B. The stitching by which the circles of leather are united are seen at C, C. The whirl D, may receive a band to give motion to the buffs.

Having thus fully described the nature of my improvement in the manner of forming circular buffs of leather for polishing spoons, or other articles, what I claim therein as new, and desire to secure by Letters Patent, is—

The uniting of the pieces of leather composing the buff, by stitching them to each other, at a proper distance from their outer edges, without the employment of any kind of cement, or unyielding substance; the same being effected in the manner, and for the purpose, herein fully set forth.

LUTHER BOARDMAN.

Witnesses:

THOS. P. JONES,

EDWIN L. BRUNDAGE.