No. 747,827. PATENTED DEC. 22, 1903.

J. WOLFINGER.

VENEER CUTTER.

APPLICATION FILED JAN. 31, 1903.

NO MODEL.

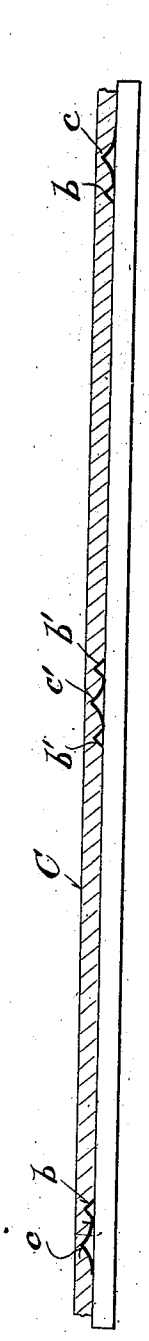


Fig. 3.

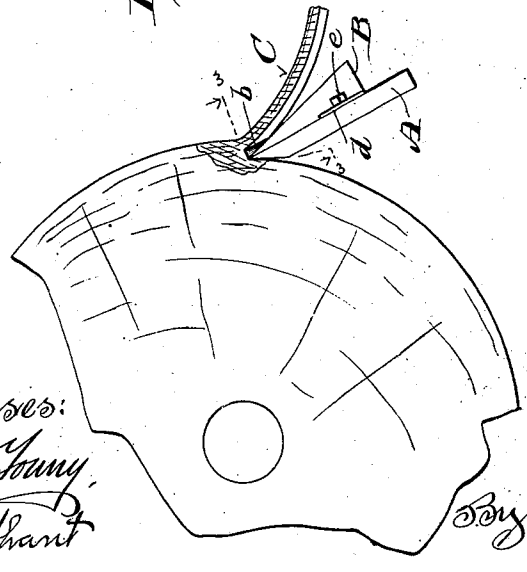


Fig. 2.

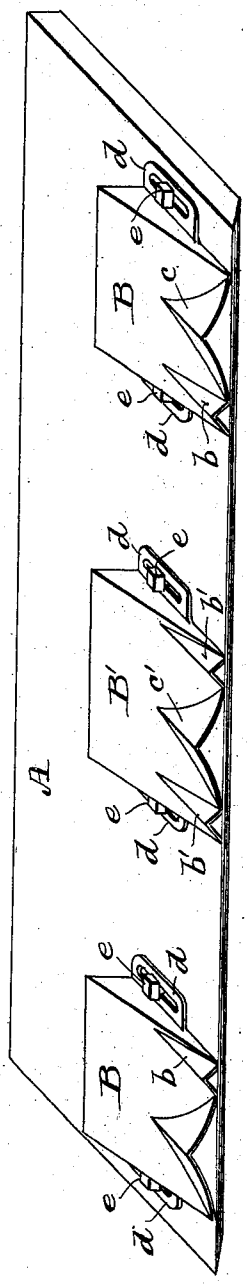


Fig. 1.

Witnesses:
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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 747,827. Patented December 22, 1903.

UNITED STATES PATENT OFFICE.

JOSEPH WOLFINGER, OF DUNDAS, WISCONSIN.

VENEER-CUTTER.

SPECIFICATION forming part of Letters Patent No. 747,827, dated December 22, 1903.

Application filed January 31, 1903. Serial No. 141,266. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH WOLFINGER, a citizen of the United States, and a resident of Dundas, in the county of Calumet and State of Wisconsin, have invented certain new and useful Improvements in Veneer-Cutters; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention has for its ultimate object to make barrel-staves from wood veneer, the material being crozed and sometimes chamfered simultaneous with the cutting of same from the log. Hence said invention consists in a veneer-cutter and the attachments therewith hereinafter more particularly set forth with reference to the accompanying drawings and subsequently claimed.

Figure 1 of the drawings represents a perspective view of a veneer-cutter provided with attachments that constitute crozing and chamfering knives; Fig. 2, a diagram illustrating the improved cutter in working position; and Fig. 3, a view indicated by line 3 3 in the second figure, the veneer being in section.

Referring by letter to the drawings, A indicates a cutter such as is ordinarily employed for reducing a log to wood veneer, and in accordance with my invention this cutter is shown provided with knife attachments B B′ for crozing and chamfering the veneer as the same is cut, the product being thereafter trimmed, cut, and split to form a lot of barrel-staves.

The knife attachments B are arranged on the cutter A near the ends of same, and the knife attachment B′ is on said cutter central of same equidistant from the other knife attachments, all of these attachments being immediately adjacent to the edge of the aforesaid cutter. Each attachment B is shown as being an angular shell tapered toward the cutting edge of the aforesaid cutter and having struck-up cutting-ridges *b c*, these ridges serving to croze and chamfer the wood veneer C as the same is cut from a log; but in practice the chamfering-ridge may be omitted. Both ridges are longitudinally tapered in a reverse direction to the shell, from which they are struck up, and while the crozing-ridge is transversely triangular the chamfering-ridge is only approximately so, its sides being concavo-convex.

The knife attachment B′ is similar to the ones B, except that it is provided with two crozing-ridges *b′* in opposite directions from a central chamfering-ridge *c′*, and all the attachments are shown as being separately provided with longitudinally-slotted side ears *d*, engaged by bolts *e*, that also engage the veneer-cutter, said attachments being adjusted from time to time on said cutter to aline the cutting edges of both.

The cutter A, provided with the attachments B B′, as herein shown, is intended for crozing and chamfering the strip C of wood veneer, as shown in Fig. 3, so that this strip may be cut intermediate of its width into two sections, each of which is subsequently split to form barrel-staves, said veneer having been edge-trimmed close to the chamfers cut by the attachments B aforesaid; but it is within the scope of my invention to provide shorter cutters, each having the attachment B′ omitted and the remaining attachments B made with or without chamfering-ridges, the chamfers not being necessary in straight barrels.

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

1. A wood-veneer cutter provided thereon with adjustable angular shells tapered toward the cutting edge of said cutter to which they are adjacent and which have transversely-triangular croze-cutting ridges struck up therefrom to taper in a direction opposite that of the shells themselves.

2. A wood-veneer cutter provided thereon with adjustable angular shells tapered toward the cutting edge of said cutter to which they are adjacent and which have transversely-triangular croze-cutting ridges and approximately transversely triangular chamfer-cutting ridges struck up therefrom to taper in a direction opposite that of the shells themselves.

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

JOSEPH WOLFINGER.

Witnesses:
FRANK F. BECKER,
GEO. E. DAWSON.