G. P. OVERIN & J. H. COLDWELL.

Apparatus for Working Rattan.

No. 204,992. Patented June 18, 1878.

Fig: 1.

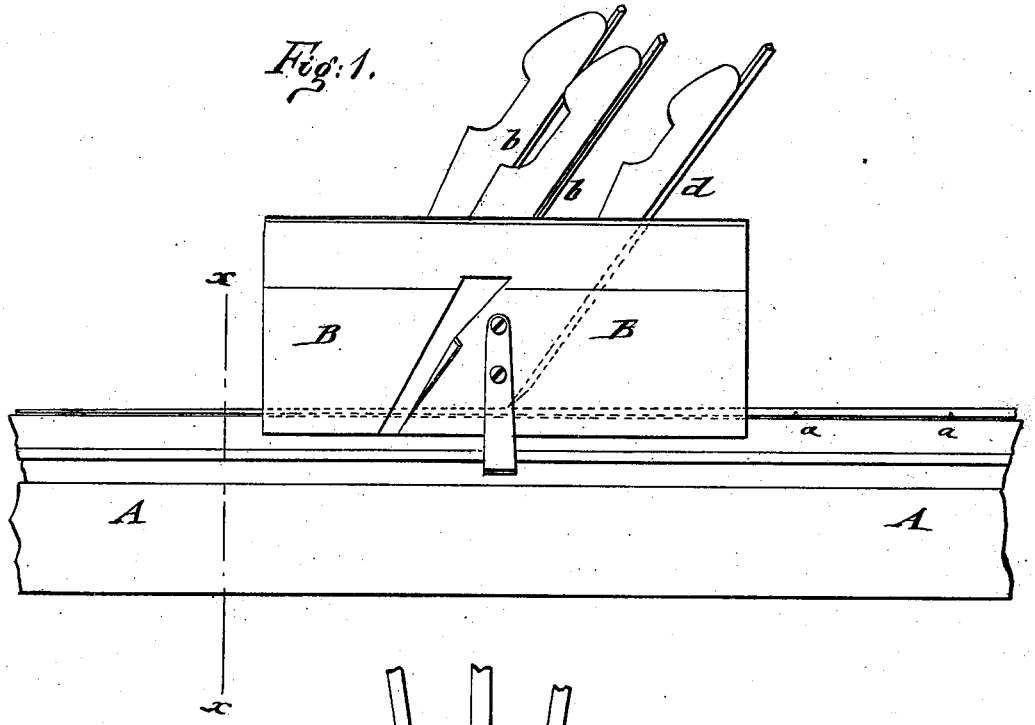


Fig: 2.

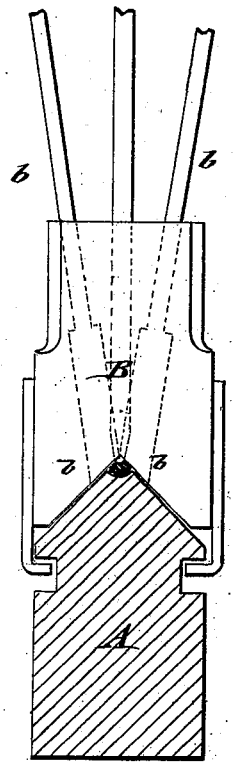
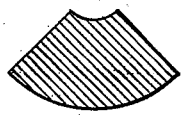


Fig: 3.



WITNESSES:

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GEORGE P. OVERIN AND JOHN H. COLDWELL, OF NEW YORK, N. Y.

IMPROVEMENT IN APPARATUS FOR WORKING RATTAN.

Specification forming part of Letters Patent No. **204,992,** dated June 18, 1878; application filed November 1, 1877.

To all whom it may concern:

Be it known that we, GEORGE P. OVERIN and JOHN H. COLDWELL, of the city, county, and State of New York, have invented a new and Improved Apparatus for Working Rattan, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation. Fig. 2 is a vertical transverse section of our improved apparatus for working rattan, taken on line *x x*, Fig. 1. Fig. 3 is a vertical transverse section of one of the rattan sections, shown on enlarged scale.

Similar letters of reference indicate corresponding parts.

This invention has for its object to furnish an apparatus for producing the rattan sections that are employed in the construction of a whip, for which George P. Overin has obtained Letters Patent, dated April 24, 1877, and numbered 189,954. By this apparatus the quarter-sections or splices of rattan are tapered off and grooved at the apex for the gut core in quick, perfect, and reliable manner, so as to facilitate and accelerate the manufacture of those whips.

The invention consists, essentially, of a fixed mold or carrier for the split rattan section, said carrier having a beveled rectangular top part and grooved apex, that has a slight inclination from one end of the carrier to the other. Fixed spurs of the carrier retain the rattan section in position thereon. A plane with a rectangular bottom recess that corresponds to the top of the carrier is guided along the carrier, and arranged with three cutters—two to plane off the sides of the section, and a third (center cutter) to form a groove in the apex of the section for the gut core.

Referring to the drawing, A represents the carrier or mold, that is secured rigidly to the bench or table, and made of the length of the whip, so as to secure thereto and give the proper tapering shape to the rattan sections of which the whip is made. The carrier or mold A is made with a beveled top, the beveled sides forming a right angle. The apex or meeting edge of the beveled sides is grooved or merely planed off at a slight inclination from one end to the other, so that the top groove or plane is larger at one end and diminishes gradually toward the other end.

The rattan sections or splices are firmly attached to the carrier or mold A by fixed spurs *a*, secured at suitable distances in the grooved apex of the same, so as to be acted upon by a plane, B, that has a rectangular bottom recess, corresponding to the beveled top of the carrier, and two side knives or cutters, *b*, for planing off the sides of the rattan section or splice, while a third (center) cutter, *d*, forms at the same time a groove in the apex of the rattan section for the gut core.

The plane B may be guided along the carrier in suitable manner, so as to plane off the rattan section into tapering shape in quick and easy manner, as the chips or shavings escape without choking up the plane, in the same manner as in common planes.

The tapering and grooved rattan sections which are required for the Overin whip are thus produced with great facility and in superior manner.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. In a device for working rattan, a carrier or mold having rectangularly-beveled top and a grooved or planed-off apex, with fixed projecting spurs, to attach the rattan section thereto for the action of the plane, substantially as and for the purpose described.

2. The combination of a carrier or mold having beveled top and tapering, grooved, or flat apex with a plane having a bottom recess corresponding to bevel of carrier, and two side cutters and a center grooving-cutter, substantially as and for the purpose specified.

GEORGE P. OVERIN.
JOHN H. COLDWELL.

Witnesses:
PAUL GOEPEL,
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