

(No Model.)

H. M. LOUD.

GLUING ATTACHMENT FOR MATCHING MACHINES.

No. 246,167.

Patented Aug. 23, 1881.

Fig. 1.

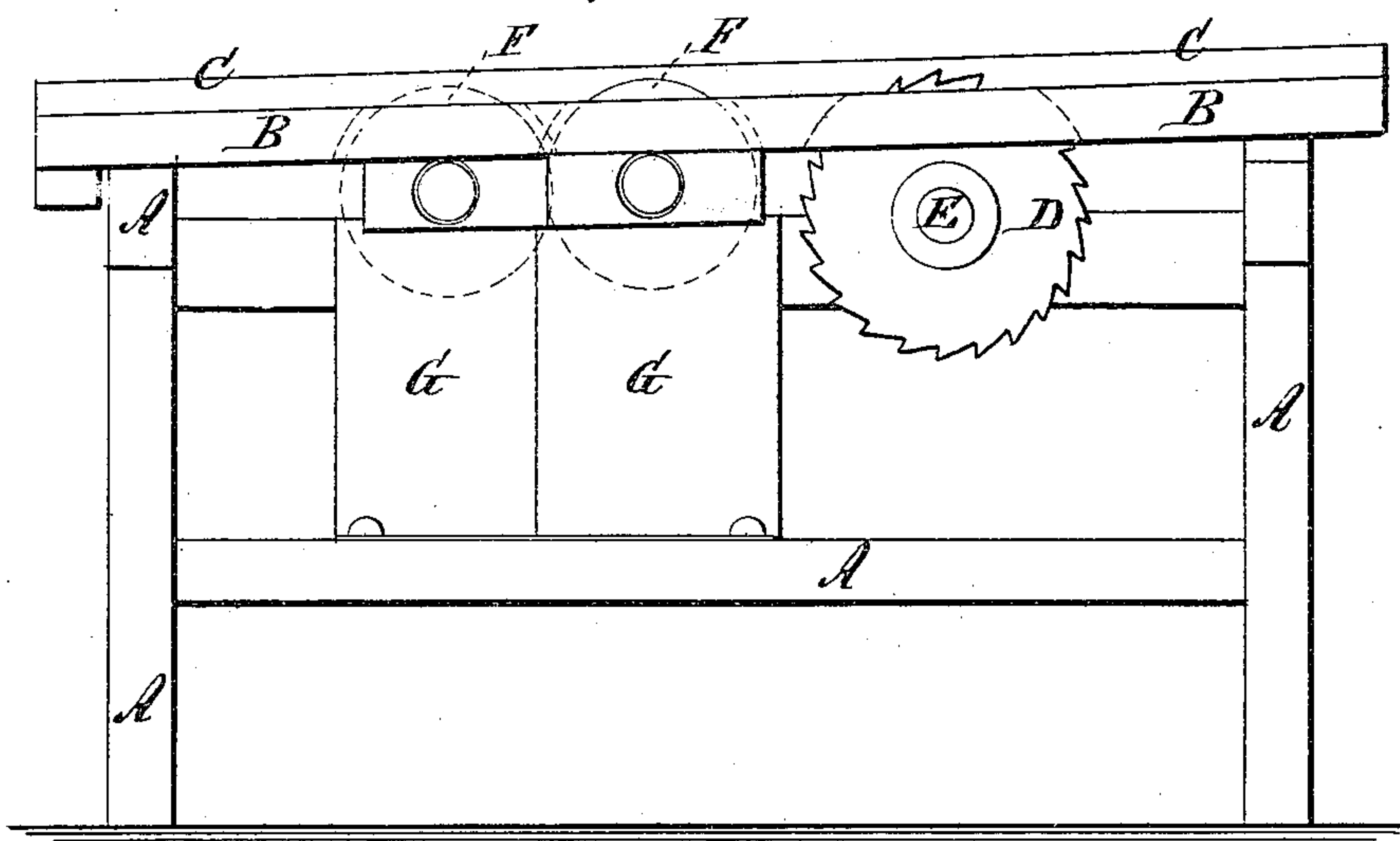
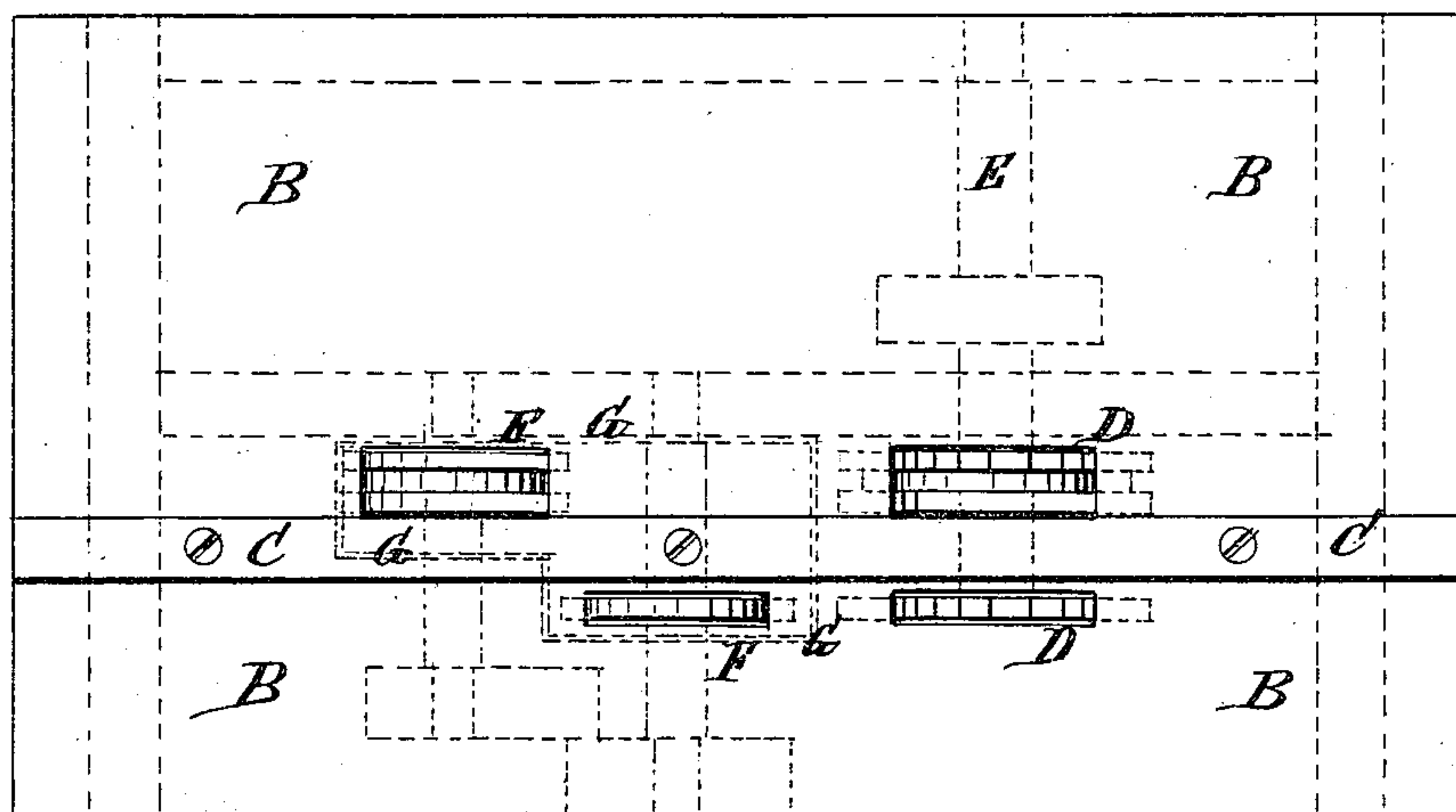


Fig. 2.



WITNESSES:

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GLUING ATTACHMENT FOR MATCHING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 246,167, dated August 23, 1881.

Application filed December 27, 1880. (No model.)

To all whom it may concern:

Be it known that I, HENRY M. LOUD, of Oscoda, in the county of Iosco and State of Michigan, have invented a new and useful Improvement in Gluing Attachments for Matching-Machines, of which the following is a full, clear, and exact description.

Figure 1 is a side elevation of the improvement shown as applied to a matching-machine.

Fig. 2 is a plan view.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish a combined matching and gluing machine, whereby the matching and gluing may be performed in a single operation, and the labor and expense of constructing boxes and other articles where tight joints are required may be greatly diminished.

The invention consists in the combination, with the table and cutters of a matching-machine, of one or more glue-carriers arranged in the rear of the cutters and in line therewith, for applying a coating of glue to the edges of matched lumber as the lumber passes through the machine; also, in the glue-carriers and glue-receptacles, in combination with the table and cutters of a matching-machine, for keeping the carriers supplied with glue; and, also, in the method of applying the glue to the edges of the matched lumber.

A represents the frame of a matching-machine. B is the top or table, and C is the guide along which the lumber moves while being matched.

D are the cutters, which are made and attached to a mandrel, E, in the ordinary manner, and are driven from any convenient power. The cutters D project through slots in the ta-

ble B, and through similar slots in the said table B, in the rear of the said cutters D, project the upper parts of wheels or carriers F, the faces of which are so formed as to fit upon the matched edges of the lumber. The journals of the glue-carriers F are pivoted to bearings attached to or formed in the frame A or the glue-receptacles G, and the said-glue-carriers F can be rotated by the friction of the lumber, or by power applied to their journals, as may be desired. The lower parts of the glue-carriers F revolve in glue pots or receptacles G, attached to the frame A, and which may be provided, in the ordinary manner, with lamps or steam-jackets to keep the glue warm. With this construction the matched edges of the lumber will be coated with glue as the lumber comes from the matching-cutters D, so as to form close and firm joints when the lumber is put together in making boxes, or for other purposes.

I am aware that rollers have been used for painting and similar purposes, and I do not claim, broadly, such invention; but

What I do claim is—

The combination, in the same machine, with a table provided with a guide, upon either side of which is a rotary matching-cutter, of a carrier-wheel working in a glue-receptacle, and constructed to fit in the mortise formed by one of the cutters in one of the pieces to be matched, substantially as described, whereby the matching and gluing are performed at one operation.

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Witnesses:

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