

A. I. HOGAN.
Machine for Cutting Basket-Splints.

No. 209,396.

Patented Oct. 29, 1878.

Fig. 1

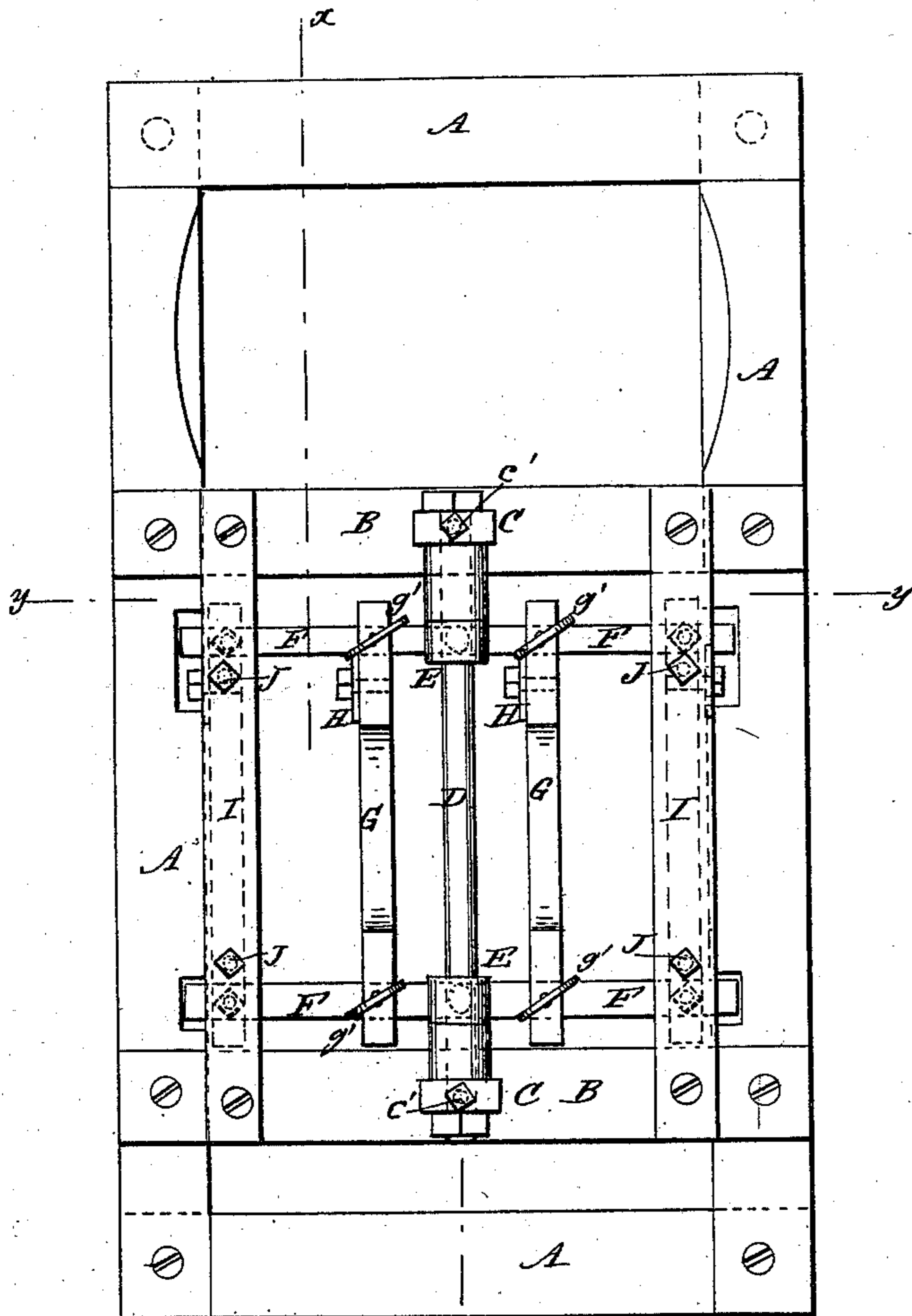


Fig. 2

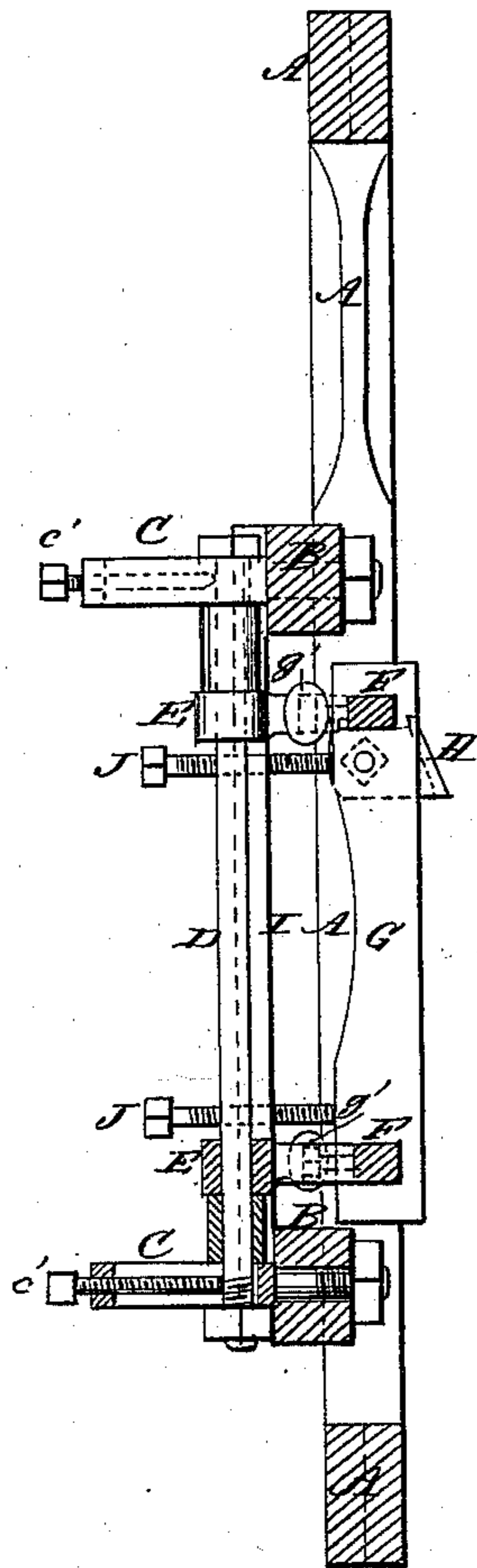
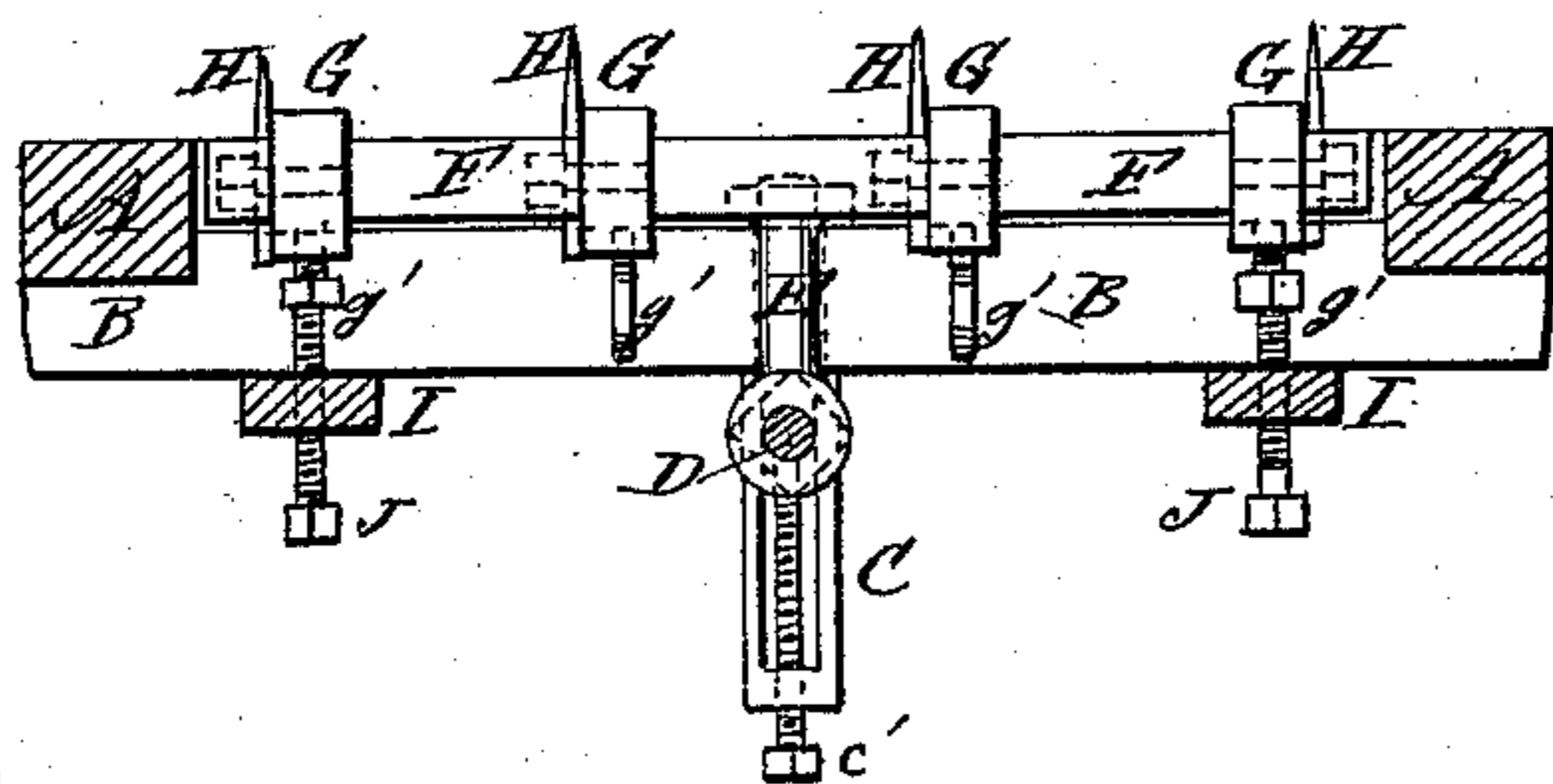


Fig. 3



WITNESSES:

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UNITED STATES PATENT OFFICE.

ANDREW I. HOGAN, OF LA CLEDE, ILLINOIS, ASSIGNOR TO HIMSELF AND
URIAH PERRY, OF SAME PLACE.

IMPROVEMENT IN MACHINES FOR CUTTING BASKET-SPLINTS.

Specification forming part of Letters Patent No. **209,396**, dated October 29, 1878; application filed
September 17, 1878.

To all whom it may concern:

Be it known that I, ANDREW ISUM HOGAN, of La Clede, in the county of Fayette and State of Illinois, have invented a new and useful Improvement in Machines for Cutting Shingles, Fruit-Box Splints, &c., of which the following is a specification:

Figure 1 is a rear view of the gate or knife-frame of the machine to which my improvement has been applied. Fig. 2 is a longitudinal section of the same, taken through the broken line *x x*, Fig. 1. Fig. 3 is a cross-section of the same, taken through the line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to improve the construction of the machine for which Letters Patent No. 200,912 were granted to me March 5, 1878, and other similar machines, in such a way that the ends of the shingles or box-splints or veneers may be cut off squarely at the same time that the said shingles or box-splints or veneers are cut from the block, and by the same movement of the gate or knife-frame.

The invention consists in the combination of the slotted posts or keepers and their set-screws, the bar, the arms and cross-bars, the adjustable knife-bars, provided with set-screws and knives, and the stationary bars and their set-screws, with each other and with the cross-bars of the gate or knife-frame, as hereinafter fully described.

A represents the gate or frame, to which is attached the knife for cutting the shingles, or the splints, or veneers for boxes from the block, the said knife not being shown in the drawings. To the side bars of the frame A are attached the ends of two cross-bars, B, to the centers of which are attached two rearwardly-projecting keepers or slotted posts, C, provided with set-screws *c'*, passing in through

screw-holes in their outer ends. In the slots in the posts C are placed the ends of a bar, D, which passes through holes in the ends of arms E, formed upon or rigidly attached to the centers of the cross-bars F. The cross-bars F are passed through holes in the ends of the bars G, to which the knives H are securely attached, and which are secured in place adjustably by set-screws *g'*, passing in through their ends and resting against the said cross-bars F. Any desired number of the knife-bars G and knives H may be used, as the size of the pieces to be cut may require.

To the rear side of the end parts of the cross-bars B are attached the ends of two bars, I, through screw-holes in which pass the set-screws J. The forward ends of the set-screws J rest against the rear edges of the outer knife-bars, G.

With this construction, by adjusting the set-screws *c'* and J, the device may be adjusted to cause the knives H to cut into the block to any desired depth, as the thickness of the strips to be cut from the said block by the main knife may require. When cutting staves the knives H may be so formed and arranged as to cut the chamfer and croze at the same time that the staves are cut from the block.

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

The combination of the slotted posts or keepers C and their set-screws *c'*, the bar D, the arms and cross-bars E F, the adjustable bars G, provided with set-screws *g'* and knives H, and the stationary bars I and their set-screws J, with each other and with the cross-bars B of the gate or knife-frame A, substantially as herein shown and described.

ANDREW ISUM HOGAN.

Witnesses:

URIAH PERRY,
E. L. WILKINS.