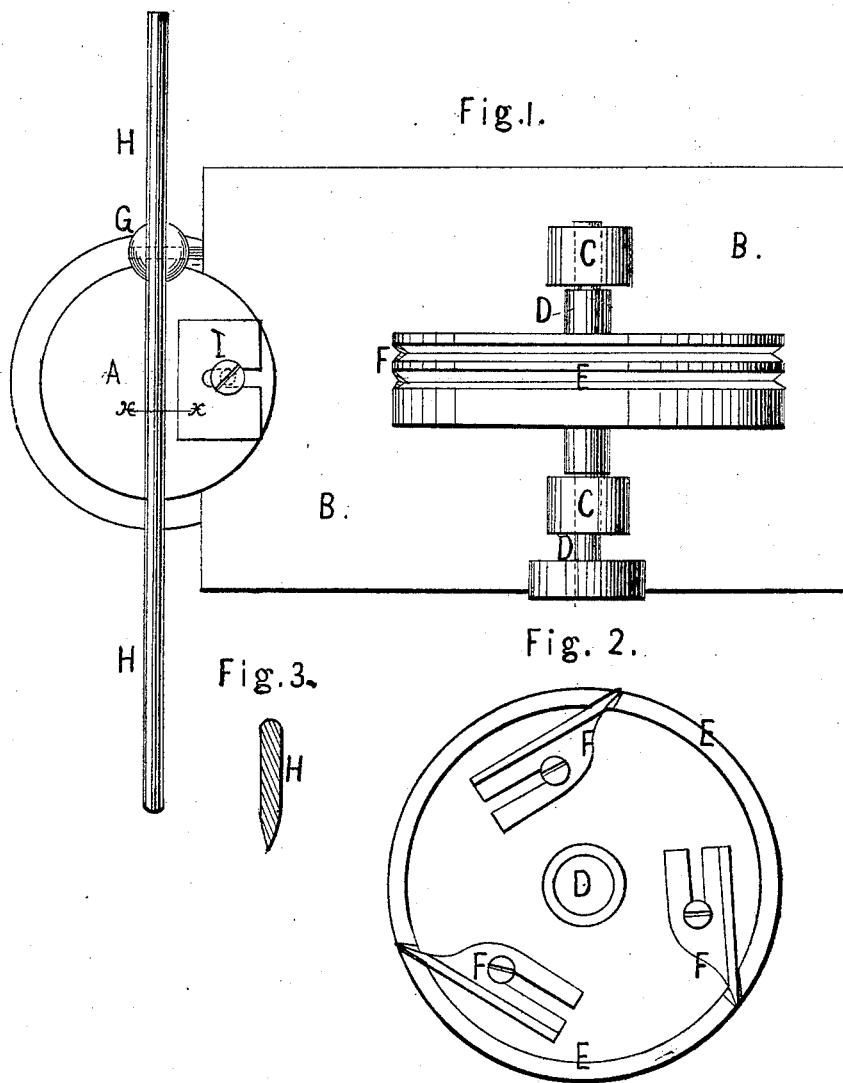


C. ANDREWS.

Improvement in Machines for Making Skewers.

No. 113,964.

Patented April 25, 1871.



Witnesses:  
*H. C. Ashkettle*  
*Wm A. Morgan*

Inventor:  
*C. Andrews*  
*per Munniff*  
*Attorneys*

# UNITED STATES PATENT OFFICE.

CHAUNCEY ANDREWS, OF PATERSON, NEW JERSEY.

## IMPROVEMENT IN MACHINES FOR MAKING SKEWERS.

Specification forming part of Letters Patent No. **113,964**, dated April 25, 1871.

*To all whom it may concern:*

Be it known that I, CHAUNCEY ANDREWS, of Paterson, in the county of Passaic and State of New Jersey, have invented a new and Improved Machine for Making Skewers; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

Figure 1 is a top or plan view of my improved machine. Fig. 2 is a detail side view of the cutter-wheel. Fig. 3 is a detail cross-section of the splitting-knife.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved machine by means of which the skewers may be split out, smoothed off, and pointed conveniently and rapidly; and it consists in the construction and combination of the various parts, as hereinafter more fully described.

A is a block of wood, set endwise, upon which the splitting is done, and with the side of which is connected the bed-plate or table B, which is supported upon legs of such a length as to raise the said table to a convenient height. C are standards, the lower ends of which are secured to the table B, and in the upper ends of which are formed bearings for the shaft D, to which the power is applied for driving the cutter-wheel E. The wheel E is made with a flange upon one side, so as to give a broad face to the wheel. The face of the wheel E is grooved, as shown in Fig. 1. F are the knives, which are made in such shape as to fit upon the body of the wheel E, with their edges projecting through slots in the face of the wheel E. The edges of the knives F are grooved to correspond with the grooves in the face of the wheel E. The knives F are secured to the body of the wheel E by screws passing through slots in the bodies of said knives, so that as the edges of

the knives wear and are ground away they may be moved forward into a proper cutting position. G is a standard, attached to the side of the block A and extending up a suitable height to receive the knife H, which is pivoted in a slot in the upper end of said standard. The rear end of the knife extends back in the rear of the post G and is weighted, and its forward end extends out in front to form a handle for operating it. The cutting part of the knife H is made in about the form shown in Fig. 3, so as to split the skewers straight. I is an adjustable gage, attached to the upper end or face of the block A, so that it may stop the block from which the skewers are to be split in the proper position for the knife H to operate upon it.

In using the machine, the timber from which the skewers are to be made is first sawed into blocks of the right length. These blocks are then split upon the block A, by means of the knife H, into the proper size. These pieces are then held in the groove of the wheel E, which should be revolved rapidly, and smoothed off, and by holding them a little more inclined when smoothing off one end they may be made of the desired taper and at the same time pointed, thus enabling the skewers to be made rapidly and at the same time smoothly finished.

I claim as new and desire to secure by Letters Patent—

1. The combination of the block A, standard G, pivoted weighted knife H, and adjustable gage I with each other, substantially as herein shown and described, and for the purpose set forth.

2. The wheel E and adjustable knives F, constructed, arranged, and operating substantially as herein shown and described, and for the purpose set forth.

CHAUNCEY ANDREWS.

Witnesses:

WILLIAM H. O'NEILL,  
JOHN A. M. HOME.