No. 655,889. Patented Aug. 14, 1900.

A. H. ORDWAY.

SHAPING WOOD.

(Application filed Mar. 13, 1900.)

(No Model.) 2 Sheets—Sheet 1.

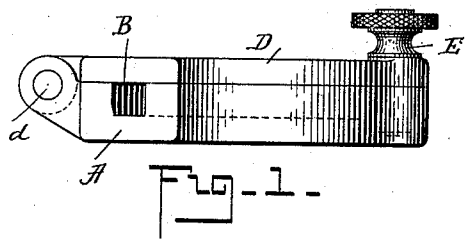


Fig. 1.

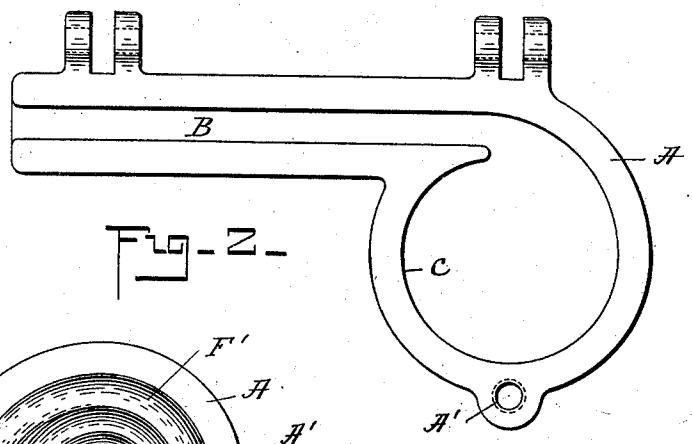


Fig. 2.

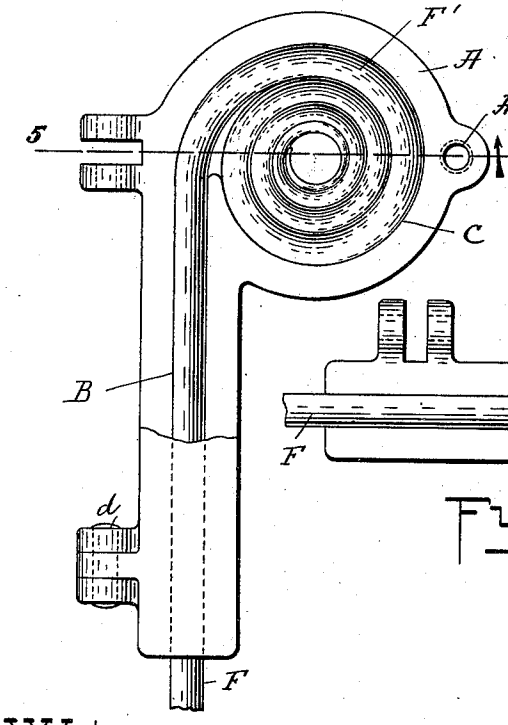


Fig. 3.

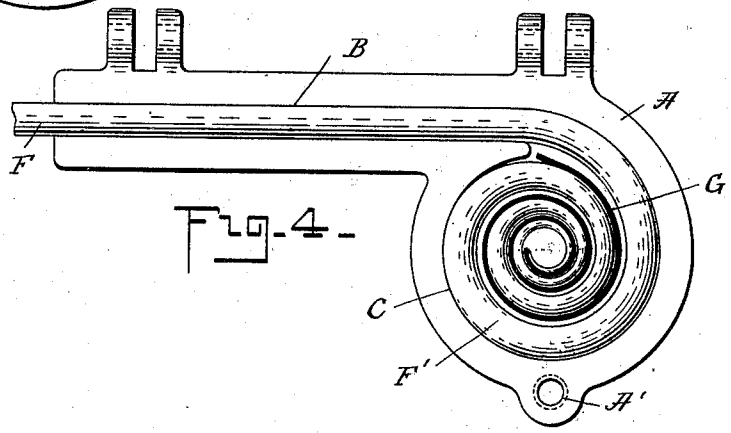


Fig. 4.

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(No Model.) 2 Sheets—Sheet 2.

Fig. 5.

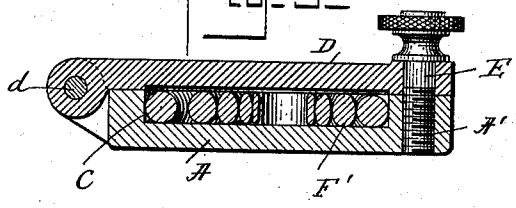


Fig. 6.

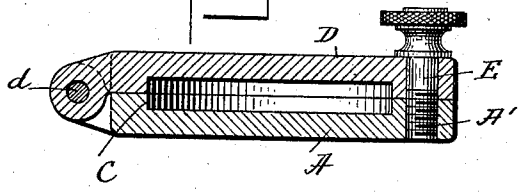


Fig. 7.



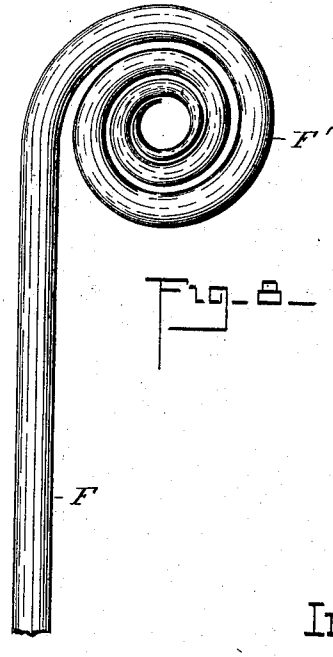


Fig. 8.

Witnesses
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UNITED STATES PATENT OFFICE.

ALBERT H. ORDWAY, OF SOUTH FRAMINGHAM, MASSACHUSETTS.

SHAPING WOOD.

SPECIFICATION forming part of Letters Patent No. 655,889, dated August 14, 1900.

Application filed March 13, 1900. Serial No. 8,519. (No model.)

To all whom it may concern:

Be it known that I, ALBERT H. ORDWAY, a citizen of the United States, residing at No. 15 Union avenue, South Framingham, in the county of Middlesex and State of Massachusetts, have invented new and useful Improvements in Shaping Wood, of which the following is a specification.

This invention relates to improvements in shaping wood for making scrolls suitable for furniture, screens, or other articles, and it is carried out as follows, reference being had to the accompanying drawings, wherein—

Figure 1 represents an end view of the shaping-block which I use in shaping the wood for making scrolls. Fig. 2 represents a top plan view of Fig. 1, showing the cover removed. Fig. 3 represents a top plan view similar to Fig. 2, showing the scroll of the wood formed in the shaping-block. Fig. 4 represents a modification of the shaping-block, showing a spiral guide arranged therein. Fig. 5 represents a cross-section on the line 5 5 in Fig. 3, showing the cover removed. Fig. 6 represents a cross-section similar to Fig. 5, showing a modification of the shaping-block. Fig. 7 represents a wood rod or blank previous to being shaped, and Fig. 8 represents the same after being shaped and made into scroll form.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

In the drawings, Figs. 1, 2, 3, 4, 5, and 6, A represents the shaping-block, having a guide-tube B communicating with a preferably-cylindrical or similarly-shaped cavity C, which I term the "scroll former or receiver." In practice I prefer to hinge to said shaping-block A at *d d* the cover D, which during the shaping operation may be secured to the block A by means of a screw E, passing loosely through a perforation A′ in the cover D and screwed into a screw-threaded perforation in the block A, as shown in Figs. 1, 5, and 6.

F in Fig. 7 represents the wooden rod, preferably provided with a reduced or tapering portion *f*, which is to be shaped into scroll form F′, as shown in Figs. 3, 4, and 8.

It is not essential that the scroll former and receiver C should be made wholly in the block A, with a flat cover D fitting over such scroll former and receiver, as, if so desired, the scroll former and receiver may be made partially in the block A and cover D, as shown in Fig. 6, without departing from the essence of my invention.

The operation is as follows: I take a wood rod, either in the green state or previously steamed or moistened, and force its end through the guide-tube B into the scroll-former C, thereby causing the rod to be shaped into scroll form, as shown in Fig. 3, and it is held in such shaped condition within the shaping-block until it is dry and set, when it may readily be removed by releasing and swinging open the cover D of the scroll-former block A.

If so desired, I may secure to the interior of the scroll former or receiver C a helical guide-rib G, adapted to serve as a guide during the formation of the scroll on the wooden bar while forced into such scroll former and receiver during the process of forming the scroll. Such helical guide-rib may be more or less thick, according to the space that may be desired between the convolutions of the scroll.

What I wish to secure by Letters Patent, and claim, is—

1. The herein-described device for making scrolls on bars of wood, consisting of a shaping-block, having a guide-tube and having connected thereto a scroll-former into which the wooden bar is forced, and caused to be formed into a scroll form, substantially as and for the purpose set forth.

2. The herein-described device for making scrolls on bars of wood, consisting of a shaping-block having a guide-tube, and having connected thereto a scroll-former, provided with a helical guide-rib, serving as a guide for the formation of the scroll of the wood bar when forced into said scroll-former substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ALBERT H. ORDWAY.

Witnesses:
ALBAN ANDRÉN,
WILLIAM B. C. NOYES.