

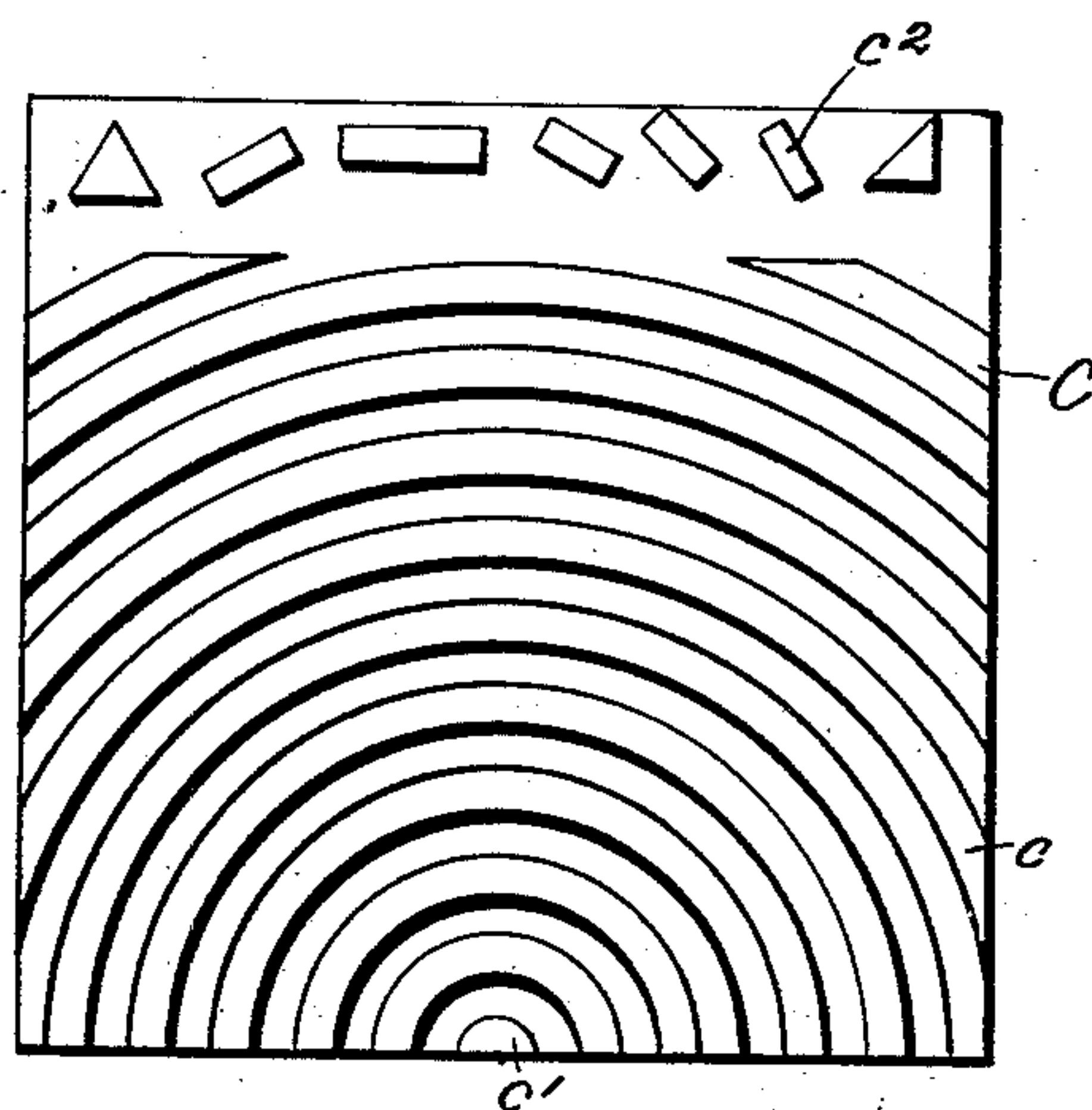
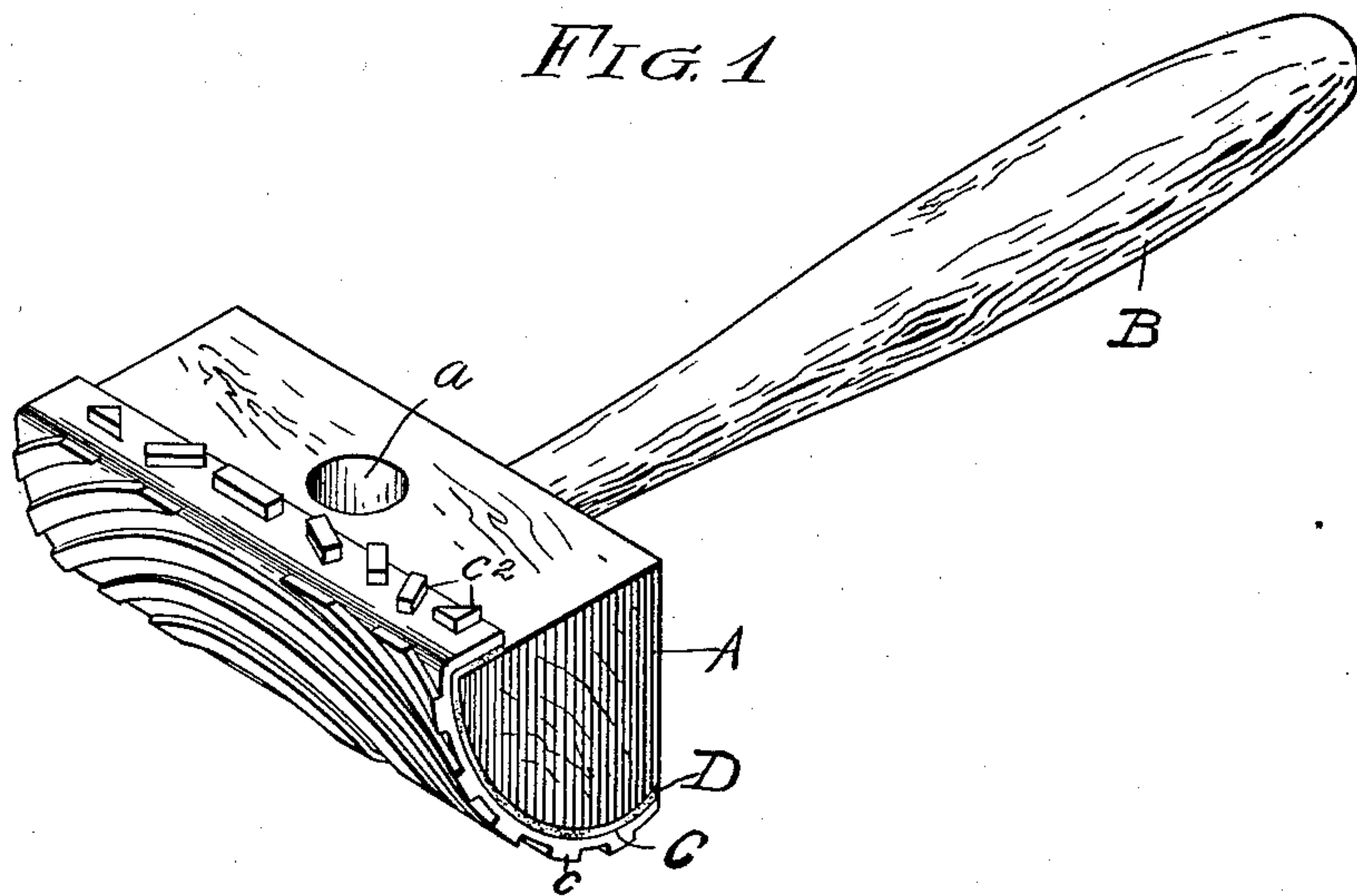
F. M. CLAPP.

GRAINING TOOL.

APPLICATION FILED SEPT. 18, 1908.

907,739.

Patented Dec. 29, 1908.



WITNESSES:

Forrest B. West.  
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FIG. 2

INVENTOR,

Ford M. Clapp.

BY *Patu, Louis M. Hill,*  
ATTYS.



# UNITED STATES PATENT OFFICE.

FORD M. CLAPP, OF CLEVELAND, OHIO, ASSIGNOR TO THE OHIO VARNISH COMPANY, OF CLEVELAND, OHIO, A CORPORATION OF OHIO.

## GRAINING-TOOL.

No. 907,739.

Specification of Letters Patent.

Patented Dec. 29, 1908.

Application filed September 18, 1908. Serial No. 453,639.

*To all whom it may concern:*

Be it known that I, FORD M. CLAPP, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and useful Improvement in Graining-Tools, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings.

10 The object of this invention is to provide a very simple and efficient graining tool which shall be adapted to give a variety of graining effects, as a pine grain, quarter-sawed oak, etc., and which shall be very convenient in use and enable the user to get close to the corners of a room or into other confined space.

20 The invention comprises the means which I employ in attaining both objects which consists primarily of a segmental head with a handle and an elastic graining pad secured on the curved surface of the head and extending over onto the flat surface. A portion of the pad on the curved surface I form of concentric ribs which by being rocked and drawn over the surface to be grained may produce a variety of effects, while a portion on the flat surface I prefer to make of several irregular projections adapted to give a quarter-sawed oak effect to the graining material.

The drawing clearly discloses my invention.

Figure 1 is a perspective view of the tool, and Fig. 2 is a development of the graining pad.

35 As shown in the drawing, A represents the segmental head which is shown as a wooden block made in the form of a quarter cylinder. B represents a handle for this head which is socketed in the head. Two sockets are preferably provided for the handle, one in each of the flat faces of the head. In Fig. 1, one socket, not shown, is occupied by the handle B. The other socket is indicated by *a*. The handle is easily removable from the socket, which enables compactness in shipping. It may be inserted in either hole to give the presentation desired to the head. It is to be understood that when the handle is in the socket shown in Fig. 1, the portion of the pad having the ribs of smaller radius is the part

naturally used in graining, while when the handle is inserted in the hole *a*, the portion of the pad adjacent to the ribs of larger radius is employed, the tool being drawn over the surface, and at the same time rocked to produce the graining effect.

55 The pad referred to is indicated by C and consists preferably of a piece of rubber having concentric ribs *c* which are formed about a center *c'* which is preferably at one edge of the pad, while beyond these ribs, adjacent to the other edge of the pad, are formed irregular projections *c*<sup>2</sup>. The pad is secured about the curved surface of the head, as shown in Fig. 1 by nails or otherwise, the concentric ribs occupying the curved surface and the portion with the irregular projections *c*<sup>2</sup> being bent over onto the adjacent flat surface and there secured. Preferably, a piece of felt or other soft backing D is placed between the pad and wooden head.

70 To produce the usual pine graining, for example, the curved surface of the head is employed, but whenever it is desired to give a quarter sawed effect, the tool is simply turned over and the projections *c*<sup>2</sup> are used. These projections are drawn across the surface and do not need to be rocked thereon and thus the flat portion of the head is best suited for them. By having the two flat portions, the tool may be brought well into the corner of a room, so that the graining of the floor close to the wall may be accomplished by either portion of the tool.

85 Having thus described my invention, I claim:

1. In a graining tool, the combination of a head made in the form of a quarter cylinder, a handle for said head, a graining surface of concentric ribs on the curved portion of the head, and a graining surface of irregular projections on the adjacent flat surface of the head.

2. In a graining tool, the combination of a head made in the form of a quarter cylinder; a handle for said head, and a rubber graining pad composed of concentric ribs and isolated projections, said pad being secured to the head with the rib portion about the curved

surface, and the isolated projection portion on one of the adjacent flat surfaces.

3. In a graining tool, the combination of a wooden head made with a curved surface and  
5 two flat surfaces, and a rubber pad secured about the curved surface and extending over onto the adjacent portion of one of the flat surfaces, and a handle, there being sockets

for the handle formed in the flat surfaces of the head.

In testimony whereof, I hereunto affix my signature in the presence of two witnesses.

FORD M. CLAPP.

Witnesses:

J. B. LAMB,

CURT B. MUELLER.