

No. 775,089.

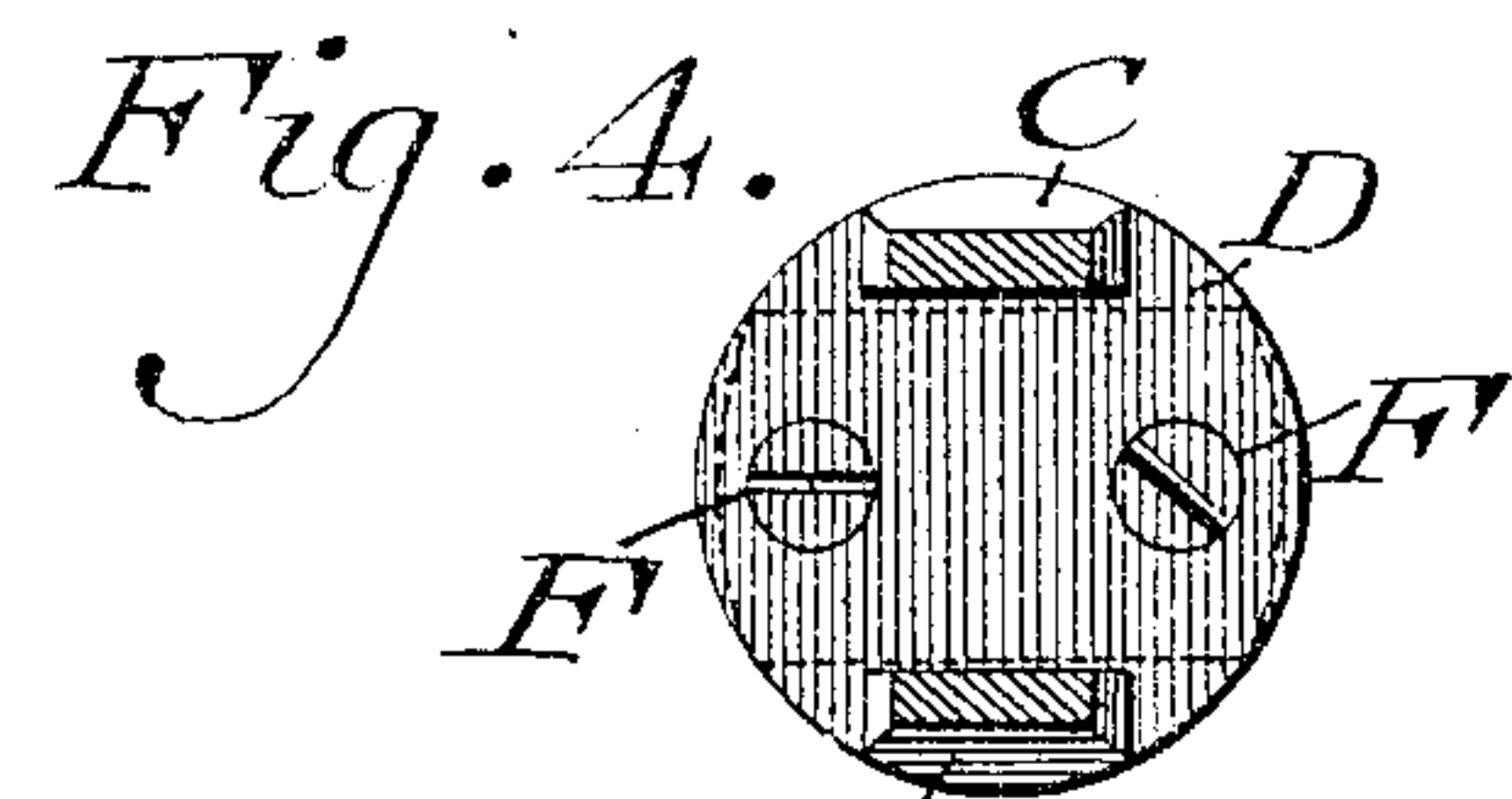
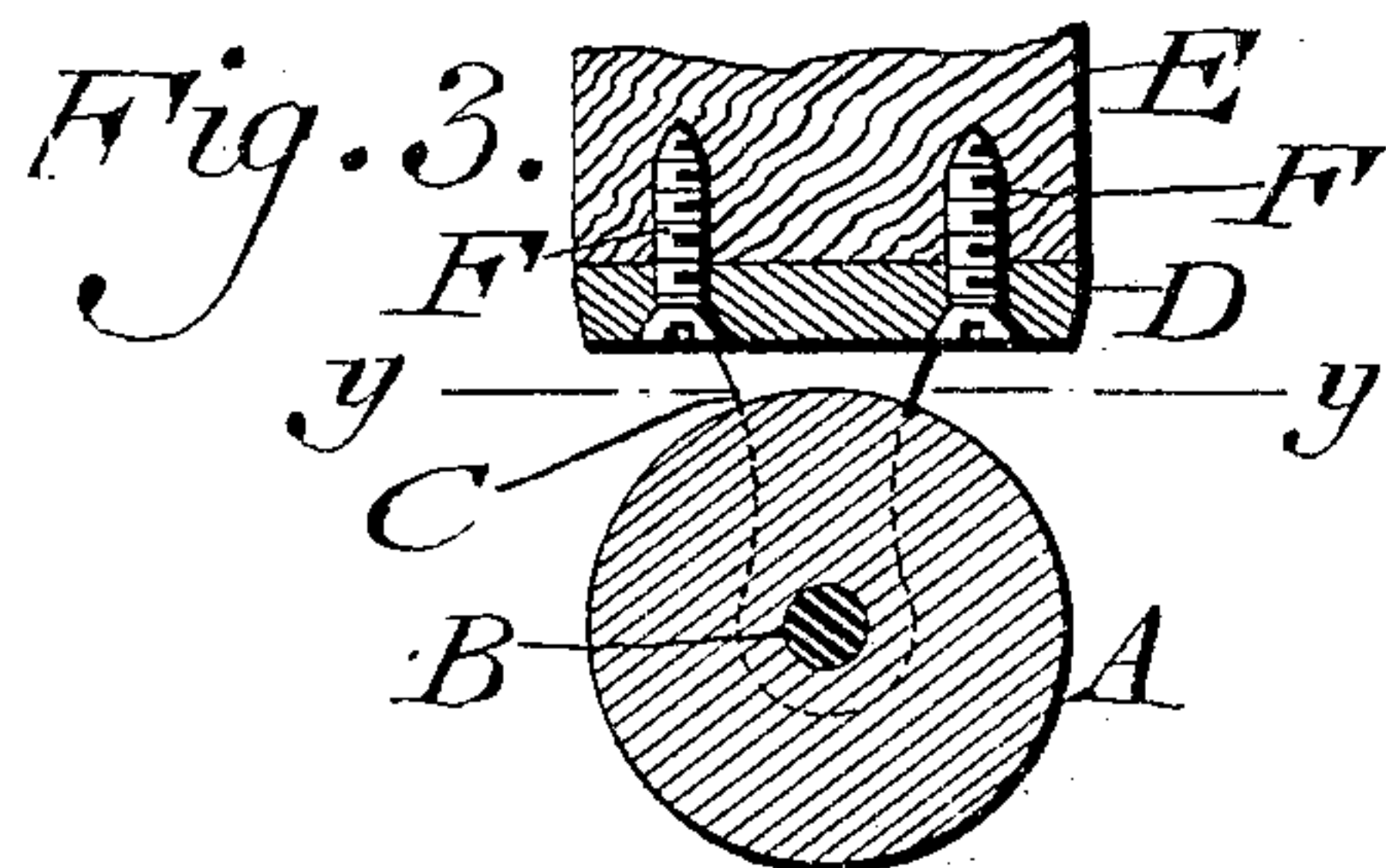
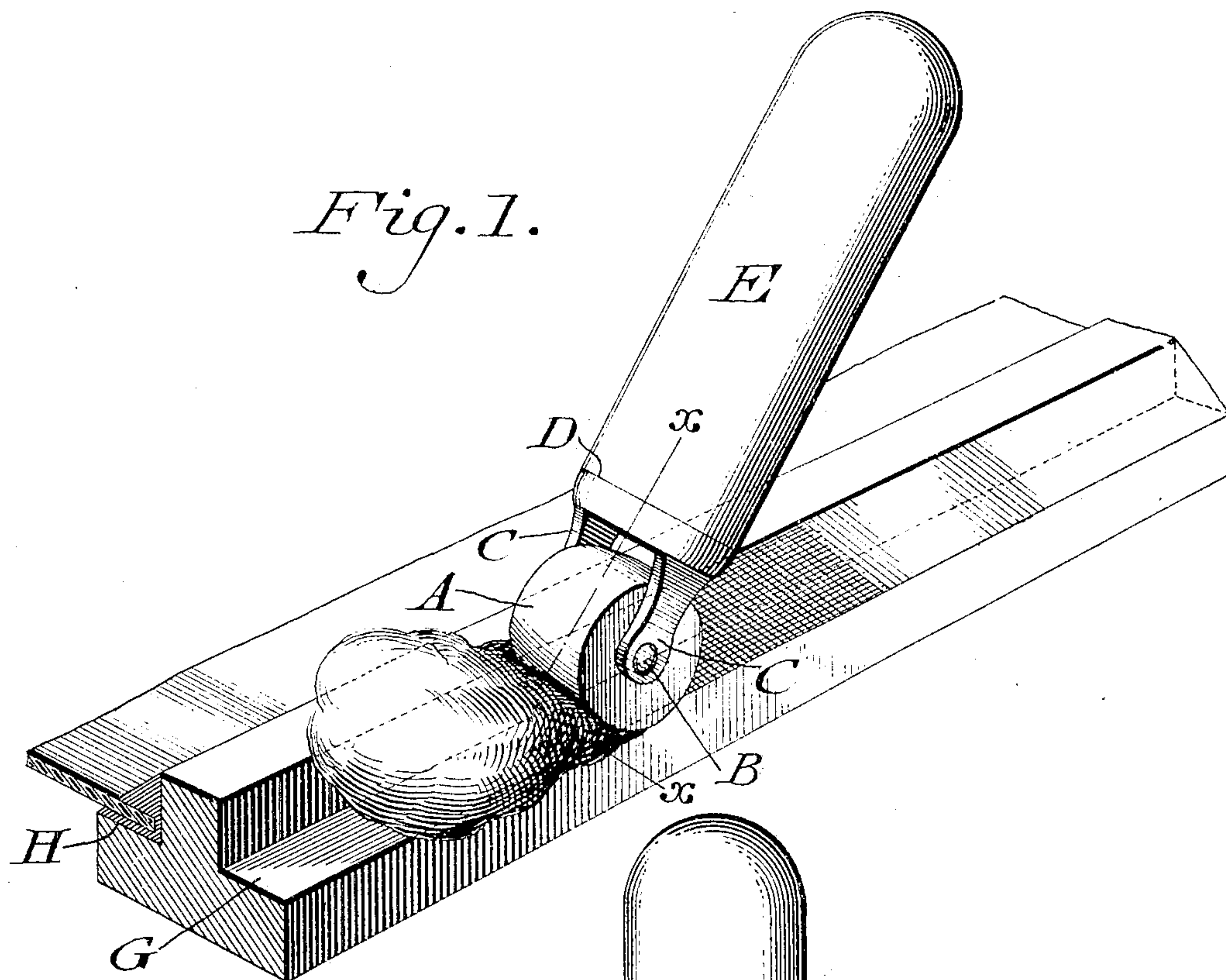
PATENTED NOV. 15, 1904.

W. J. McCLENAHAN.

PUTTYING TOOL.

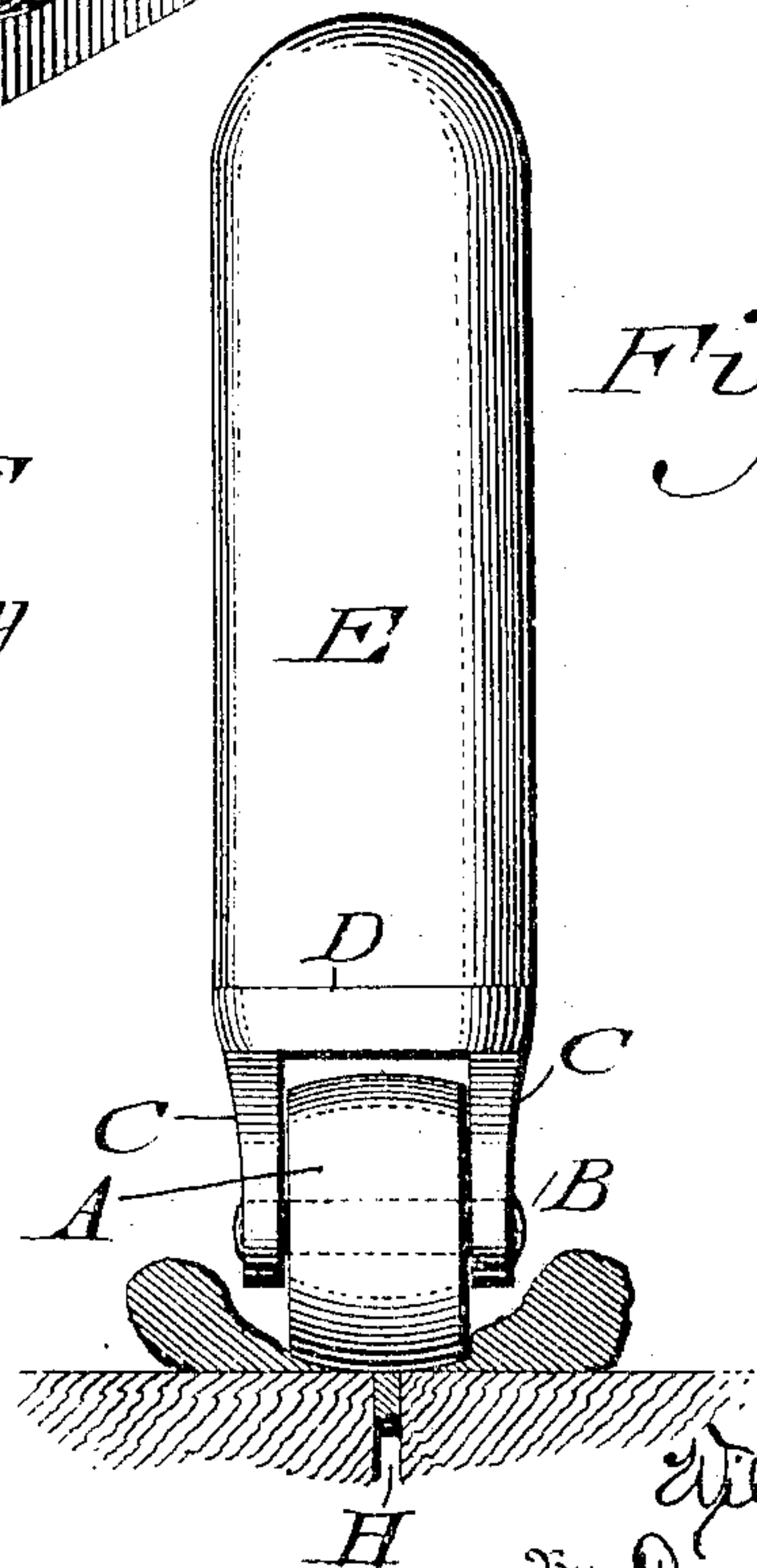
APPLICATION FILED OCT. 27, 1903.

NO MODEL.



Witnesses

P. F. Nagle.
L. Bouville.



Inventor

William J. McClenahan.
By Diedersheim & Fairbank.
Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM J. McCLENAHAN, OF PHILADELPHIA, PENNSYLVANIA.

PUTTYING-TOOL.

SPECIFICATION forming part of Letters Patent No. 775,089, dated November 15, 1904.

Application filed October 27, 1903. Serial No. 178,678. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. McCLENAHAN, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented new and useful Improvements in Puttying-Tools, of which the following is a specification.

My invention consists of a puttying-tool adapted to accomplish its work in a convenient and practical manner, the construction being hereinafter described, and the novel features being pointed out in the claims.

Figure 1 represents a perspective view of a puttying-tool embodying my invention. Fig. 2 represents a side elevation thereof, showing a use of the tool different from that in Fig. 1. Fig. 3 represents a longitudinal section of a portion on line *x x*, Fig. 1. Fig. 4 represents a transverse section on line *y y*, Fig. 3.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a roller which is mounted by the pintle B on the ears C, the latter being connected with the head D, which is secured to the end of the handle E by means of the screws F, which are passed through said head into said handle, the latter being preferably formed of wood.

The operation is as follows: The putty is applied to the place of service and the roller placed thereupon and guided and subjected to pressure by the action of the operator grasping the handle E, it being noticed that the roller thus compresses the putty, applies it uniformly, and flattens and smooths the surface thereof, while a mass of the putty moves in advance of said roller, so that a sufficient supply is provided to be drawn under the roller.

In Fig. 1 the putty is shown as being applied to the recess G of a sash or frame of a hothouse, the putty filling said recess and having an oblique or beveled face, into which a pane of glass is inserted, as at H in said figure, making a water-tight joint therefor, while the oblique or beveled and flat face of the putty is preserved, it being noticed that the puttying has been accomplished in a rapid, expeditious, convenient, uniform, and practical manner.

In Fig. 2 I show the seam or recess H, into which the putty is pressed, it being noticed that the surplus putty is spread to the sides of the roller C. It will be seen that the form of the roller A is that of a prolate spheroid. Hence its tendency is not only to press down the putty and roll it smooth and flat, but to spread it in advance of the roller and to the right and left of the same.

Owing to the severe usage to which the tool is subjected, it is necessary to secure the head D to the handle E in a firm manner. For this purpose the handle requires to be made strong and heavy, and so is of the thickness of the diameter of the head D, upon which the contacting end of said handle is solidly seated, said end occupying the entire surface or approximately the entire surface of the back of said head, whereby it will not easily break or be wrenched off. Furthermore, the openings in said head to receive the screws F are in lines within the circumference of said roller, by which provision the screws take hold of the handle E at a suitable distance from the surface of said handle, and so are not liable to break out, as evident in Fig. 3; but the head of the screws would not admit of the application of a screw-driver in order to force the screws into the handle in lines parallel with the longitudinal axis of said handle. So I remove the pintle B and with it the roller C, thus uncovering the openings in the plate D and permitting the screws F to be inserted therein and tightened, after which the roller and pintle are restored and the ends of the latter headed, thus preventing displacement of the pintle, and consequently retaining the roller in position.

Various changes may be made in the details of construction shown without departing from the general spirit of my invention, and I do not, therefore, desire to be limited in each case to the same.

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

1. A hand puttying-tool comprising a substantially cylindric handle, a head of approximately the same diameter as the end of said handle and abutting thereagainst, screws

within the periphery of said head and passing into said handle, ears on said head also within the periphery thereof, and a roller mounted on said ears, said roller being of the form of
5 a prolate spheroid.

2. As a new article of manufacture, a hand puttying-tool comprising a substantially cylindric handle, a head of approximately the same diameter as the end of said handle and

abutting thereagainst, a roller mounted on said head, and screws in said head passing within the periphery of said roller into said handle, said roller being of the form of a prolate spheroid.

WILLIAM J. McCLENAHAN.

Witnesses:

JOHN A. WIEDERSHEIM,
WM. CANER WIEDERSEIM.