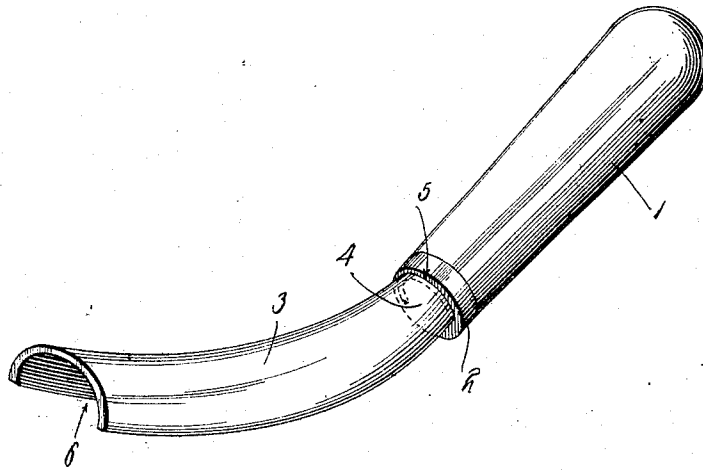


P. L. FRAZIER.
JOINTER TOOL.

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1,327,151.

Patented Jan. 6, 1920.



WITNESSES

W. C. Fielding
Wm. H. Mulligan

INVENTOR

Philip L. Frazier

BY

Richard E. Owen

ATTORNEY

UNITED STATES PATENT OFFICE.

PHILIP L. FRAZIER, OF ROCKBURY, CONNECTICUT.

JOINTER-TOOL.

1,327,151.

Specification of Letters Patent.

Patented Jan. 6, 1920.

Application filed March 12, 1917. Serial No. 154,265.

To all whom it may concern:

Be it known that I, PHILIP L. FRAZIER, a subject of the King of Great Britain, residing at Rockbury, in the county of Litchfield and State of Connecticut, have invented certain new and useful Improvements in Joiner-Tools, of which the following is a specification.

This invention relates to improvements in a joiner tool and the primary object is to provide a tool adapted for use by stone masons and the like for the purpose of constructing raised seams and joints where soft mortar is used between the stones or other building material.

One of the objects of the invention is to provide a tool that can be conveniently operated by the workmen in places where the joints are irregular and where the seams between the pieces of building material are not accessible by the ordinary trowel and similar implements, by reason of the roughened surfaces of the building material.

A further object of this invention is the provision of a joiner tool which consists of comparatively few parts and is simple in construction, but durable and well adapted to withstand the rough usage to which devices of this character are ordinarily subjected.

For a full description of the invention and the advantages and merits thereof, reference is to be had to the following description and the accompanying drawings, wherein is illustrated the preferred form of my invention, in which;

The figure illustrates a perspective view of the device constructed in accordance with my invention.

Referring to the drawing, wherein is illustrated the preferred form of my invention, and in which like numerals of reference indicate corresponding parts throughout the several views, the handle 1 is preferably constructed from a cylindrical piece of wood or other desirable material and may be of any desired length. The forward end of the handle carries a ferrule 2 which is cup-shaped to fit over and embrace the end of the handle in the usual manner.

The blade 3 of the device is attached to the end of the handle and is preferably constructed to have its end 4 of semi-cylindrical formation, this end being fitted in a semi-circular recess formed in the end of the handle and to which access is gained through

the semi-circular slot 5 formed in the end of the ferrule 2. This permits the end of the blade to be driven into the end of the handle for securely holding the same in place. From this semi-cylindrical end portion 1 the blade is flared outwardly toward its free end so that, while it retains its whole contour, its end is of semi-elliptical formation as designated by the numeral 6. This change in the contour of the blade is made gradually from one end to the other so that from a relatively small semi-cylindrical end, the blade continually changes in shape along its length until a relatively large free end, of semi-elliptical formation is provided.

When the mortar is applied in the spaces between the blocks or pieces of building material, the tool will be employed for the purpose of constructing the raised seams making an ornamental bead thereby to improve the appearance of the masonry. The tapered construction of the blade permits a different width of bead to be formed since it is to be noted that the blade is also curved longitudinally. When the handle is tilted at a certain angle, a certain point on the edges of the blade will contact with the work thus making a certain predetermined size of bead. When the angle of the handle is changed, the point of contact will thereby change and the shape of the bead will be varied to either decrease or increase in width according to the angle at which the handle is tilted.

From the foregoing it will be observed that a very simple and durable joiner tool has been provided, the details of which embody the preferred form. I desire it to be understood, however, that slight changes in the minor details of construction may be made without departing from the spirit of the invention or the scope of the claim hereunto appended.

I claim:

A pointed tool including a blade which is curved longitudinally and transversely, tapers from one end to the other and which is semi-elliptical in cross section at its broad end and semi-circular in cross section at its narrow end.

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

PHILIP L. FRAZIER.

Witnesses:

JOSEPHINE MITCHELL,
ANTOINETTE H. SMITH.