

(No Model.)

J. W. PAYLER.
HANDLE FOR FILES OR OTHER TOOLS.

No. 472,140.

Patented Apr. 5, 1892.

Fig. 1

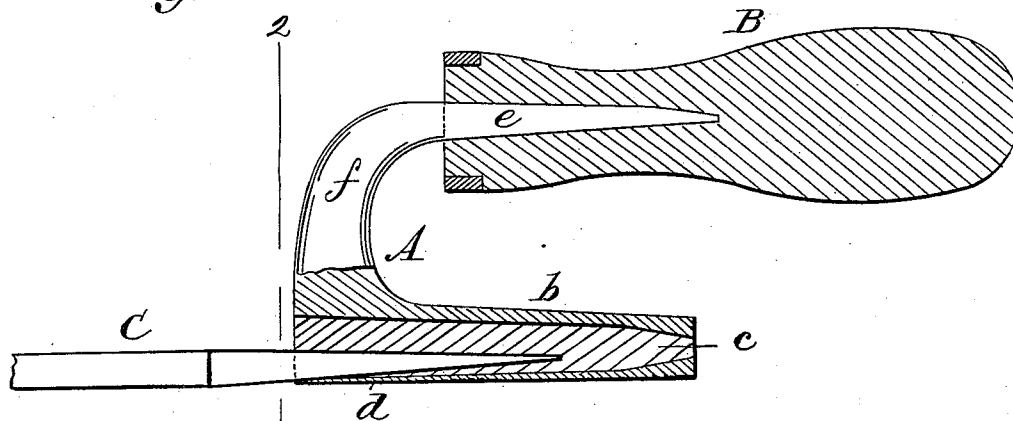


Fig. 2

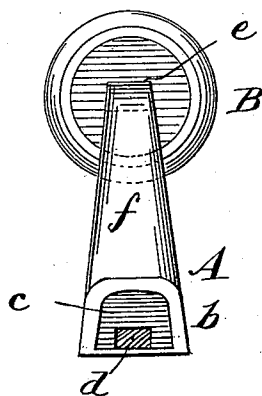
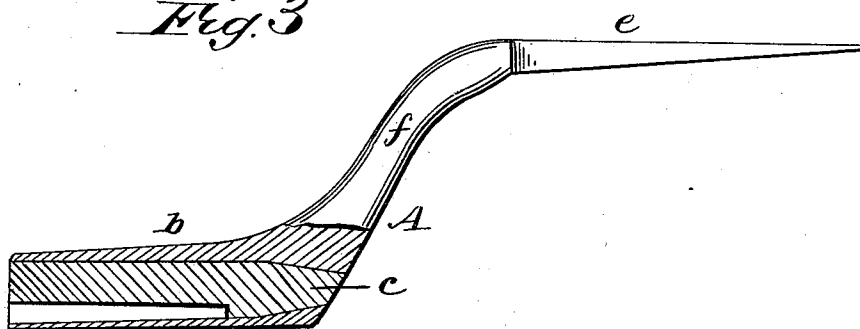


Fig. 3



WITNESSES:

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INVENTOR:

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UNITED STATES PATENT OFFICE.

JOHN WILLIAM PAYLER, OF DETROIT, MICHIGAN.

HANDLE FOR FILES OR OTHER TOOLS.

SPECIFICATION forming part of Letters Patent No. 472,140, dated April 5, 1892.

Application filed December 2, 1890. Serial No. 373,347. (No model.)

To all whom it may concern:

Be it known that I, JOHN WILLIAM PAYLER, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in Handles or Carriers for Files and other Tools and Articles, of which the following is a full, clear, and exact description.

This invention, while applicable to other tools and articles, is more especially designed to be used as a handle or carrier for files for surface and general filing, and will herein be described accordingly.

The invention consists of a handle curved to form an offset which brings its hand-grasping portion out of line, but in substantially parallel relation with the file or tool holding portion, which is made of socket-like construction adapted to receive and have the tang or shank of file, tool, or other article, as ordinarily formed and constructed, secured within it essentially as hereinafter described, and more particularly pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a mainly-sectional longitudinal view of a handle or carrier, embodying my invention and as having a file shown only in part secured therein. Fig. 2 is a transverse section of the same upon the line 2 2 in Fig. 1. Fig. 3 is a partly-sectional longitudinal view of the handle or carrier under a modified form of construction.

A indicates what may be termed the "shank" portion of the handle or carrier, and B its hand-grasping portion or handle proper, which may be cast or otherwise formed and constructed in one piece complete and entire with the shank and tool-holding socket *b*, or in lieu of handle a socket or preferably a tang *e* for the attachment of a suitable handle, as B, Figs. 1 and 2, which represents a common file-handle. Said stock or shank portion A is of a curved or offset construction, so as to form a socket *b*, having a flattened bottom adapted to receive within it a plug or filling of wood or its equivalent *c*, in the bottom of which is a longitudinal groove, within and between which and the bottom of the recess in the

socket the tang *d* of the file, tool, or article C is secured in such a manner that the bottom surface of handle or carrier and the operating-face of file, tool, or article will be approximately on the same plane without the heel thereof being elevated out of contact, and so as to further form a handling portion or part *e*, carrying the handle proper B. These portions *b* and *e* are connected by a curved portion *f*, making part of the stock or shank A of the handle or carrier and serving to bring said portions *b* and *e* in substantially parallel relation with each other, the one above the other. It is preferred to make this connection *f* from the forward or larger end of the elongated tubular socket *b*, as shown in Fig. 1; but it might be made from any other part thereof.

The portion *e* of the stock is here shown of tang shape to provide for its being driven into the handle proper B; but it might be constructed of socket form to receive a handle partly within it; or the handle proper may be cast or otherwise formed and constructed complete and entire with the shank and tool holding socket *b*. Furthermore, the hole in the socket *b*, although here shown as extending throughout the whole length of the socket, might extend only partly therethrough; but it is preferred to make it pass entirely through for the more conveniently removing or extracting the filling *c* when worn or otherwise desirable. Either construction, however, is practically the same.

A handle or carrier, taking the device as a whole, thus constructed and applied to a file gives a better command over the file in surfacing and permits a longer stroke than is practicable with an ordinary handle applied thereto and whose center is a prolongation of the center line of file, thus oftentimes rendering drawing unnecessary, and by means of the socket portion of the handle-stock and its plug *c* every facility is afforded for securing the tang firmly therein.

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

1. A handle or carrier for files and other tools or articles, consisting of a tubular socket *b*, having a flattened bottom, a handled shank A *f e*, projecting from the socket and extend-

- ing over and approximately parallel with the socket, a plug or filling of any suitable semi-elastic substance *c* within the socket *b*, having a longitudinal groove or recess in its lower flattened side, between and within which and the bottom of orifice in socket *b* the tang or shank *d* of the file, tool, or article *C*, as ordinarily formed and constructed, may be driven, all substantially as shown and described.
- 10 2. A handle or carrier for files and other tools or articles, consisting of a tubular socket *b*, having a flattened bottom, a shank *A* *f e*, projecting from the socket and having a suitably-formed handle part, a plug or filling of any suitable substance *c* within the socket *b*, 15 having a groove or recess therein, within and between which and the base of the socket *b* the tang or shank *d* of the file, tool, or article *C* may be driven, all substantially as shown and described.

JOHN WILLIAM PAYLER.

Witnesses:

HENRY LINSEL,
JULIUS STOLL.