

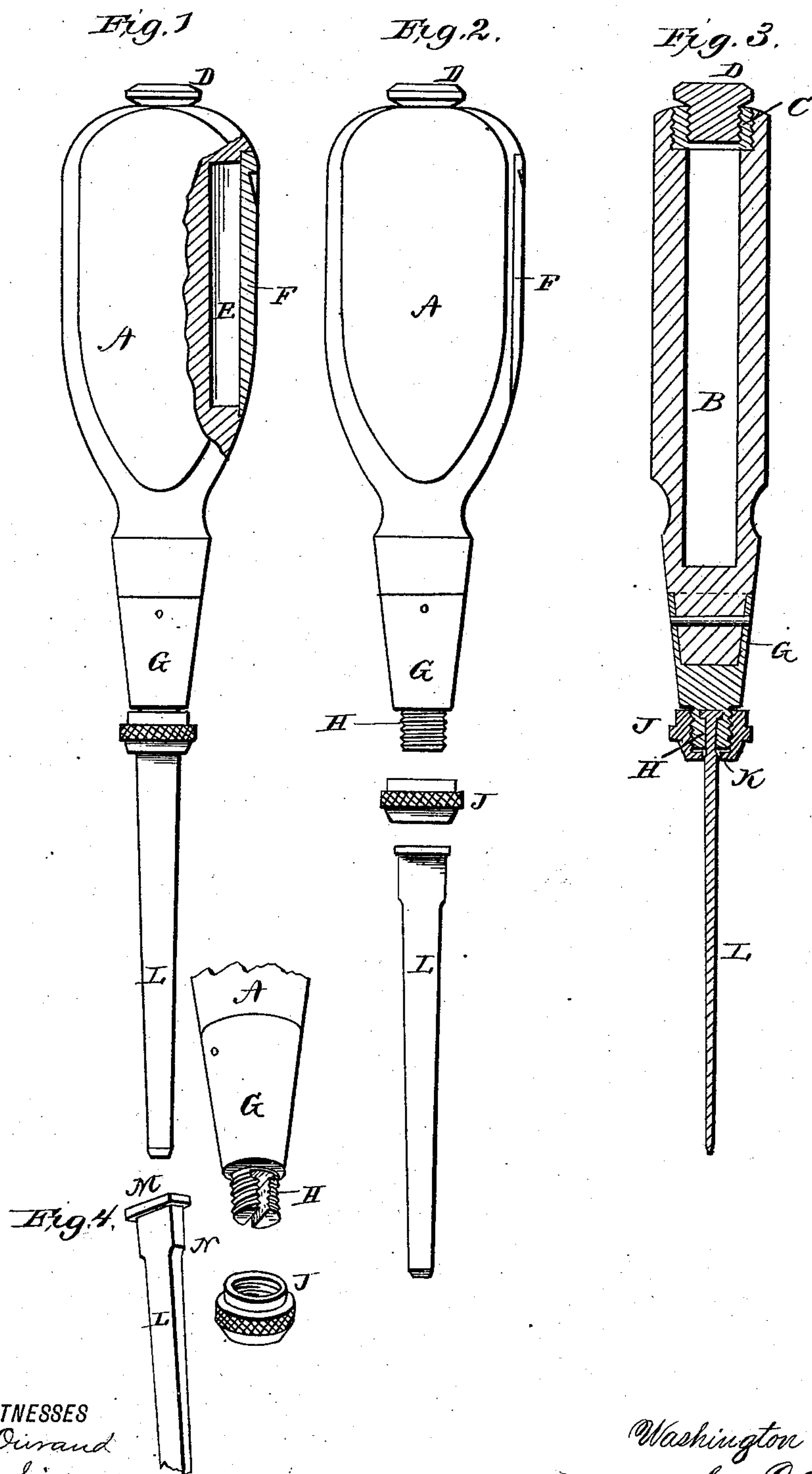
(No Model.)

W. DEVEREUX.

SCREW DRIVER.

No. 287,809.

Patented Nov. 6, 1883.



WITNESSES
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UNITED STATES PATENT OFFICE.

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SCREW-DRIVER.

SPECIFICATION forming part of Letters Patent No. 287,809, dated November 6, 1883.

Application filed August 1, 1883. (No model.)

To all whom it may concern:

Be it known that I, WASHINGTON DEVEREUX, a citizen of the United States, residing at Bloomsburg, in the county of Columbia and State of Pennsylvania, have invented a new and useful Screw-Driver, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to screw-drivers; and it has for its object to provide a handy and convenient tool, designed more especially for the use of inspectors and repairers of telephone and telegraph instruments, and others whose vocation may require the use of a simple and convenient tool of the class referred to.

My invention consists in certain improvements in the construction of the said device, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, Figure 1 is a side view of my improved screw-driver ready for operation. Fig. 2 is a side view of the same with the blade detached. Fig. 3 is a vertical sectional view, and Fig. 4 is a detail view.

The same letters refer to the same parts in all the figures.

A in the drawings designates the handle, which is provided with a recess, B, extending from the butt in a downward or inward direction. At the upper end of the recess B is secured an interiorly screw-threaded bushing, C, for which a screw-cover, D, is provided. The recess B serves to accommodate blades of various kinds and sizes. The side of the handle is provided with a smaller recess, E, having a slide-cover, F. In this recess the telegraph or telephone repairer may keep a small, but for ordinary emergencies sufficient, supply of fine insulated wire and other necessities. The lower end of the handle A has a ferrule, G, terminating in a bifurcated exteriorly screw-threaded nib, H. The inner end of the fork or kerf is somewhat enlarged, as shown at I. Fitting this screw-threaded nib is an interiorly-threaded collar, J, having at its outer end a flange, K.

The blades are designated by letter L. These are provided at their butt-ends with laterally-projecting or circumferential flanges M, and near their butt-ends they have shoulders N, as shown.

The operation of this invention will be read-

ily seen and its advantages appreciated from the foregoing description, taken in connection with the drawings hereto annexed. A full supply of blades or tools for all ordinary emergencies may be carried in the receptacle provided for the purpose. The collar J—which, it should be stated, is provided with a milled annular flange—always protects the nib H from injury. When it is desired to use any one of the blades, the collar J is removed and the required blade is slipped sidewise, as illustrated in Fig. 4, into its place, after which the collar is adjusted and the tool is ready for use. It will be seen that when the blade is adjusted the sides of the laterally-projecting circumferential flange M will fit in the lower enlarged or recessed portion, I, of the nib, while the ends of said flanges are held by direct contact with the collar J, thus absolutely preventing the loss or withdrawal of the tool or blade. When, in addition to this, the blade is held by the flange K of collar J engaging the shoulders N of the blade, it will be seen that the manner in which the latter is held is absolutely secure.

I claim as my invention and desire to secure by Letters Patent of the United States—

1. The combination of a tool-handle provided with a ferrule having a bifurcated screw-threaded nib, the kerf of which is enlarged at its inner end, an interiorly-threaded collar having an annular flange at its outer end, and a tool or blade having at its butt-end an annularly-projecting flange and near its butt-end a pair of shoulders, as and for the purpose herein set forth.

2. The herein-described combination-tool, consisting, essentially, of the handle having a longitudinal recess, a bushing at the end of said recess, a screw-cover for said bushing, a slide-covered recess in the side of said handle, a bifurcated screw-threaded nib at the front end of said handle, a tool adapted to be seated in the said bifurcated nib, and a screw-threaded collar adapted to secure such tool in position, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WASHINGTON DEVEREUX.

Witnesses:

R. BUCKINGHAM,
CHARLES G. BARKLEY.