(No Model.)

H. J. GOSLING.

TOOL HANDLE.

No. 318,103. Patented May 19, 1885.

Fig. 1.

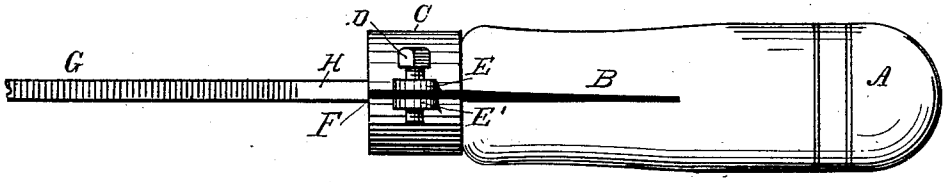


Fig. 2.

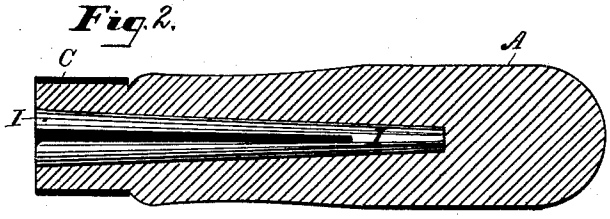


Fig. 3.

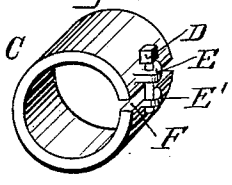
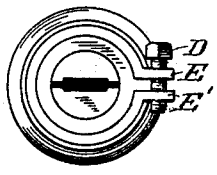


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HENRY J. GOSLING, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO G. & H. BARNETT, OF SAME PLACE.

TOOL-HANDLE.

SPECIFICATION forming part of Letters Patent No. 318,103, dated May 19, 1885.

Application filed June 7, 1884. (No model.)

To all whom it may concern:

Be it known that I, HENRY J. GOSLING, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented a new and useful improvement in tool-handles, which I intend to use especially as handles for files and rasps; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the annexed drawings, making part hereof.

The nature of my invention will fully appear from the following description and claim.

In the drawings, Figure 1 is a side view of my device, showing the split handle and the split compressing-ferrule; Fig. 2, a longitudinal sectional view of my handle, showing also the internal split clamp; Fig. 3, a detached view of my compressing-ferrule with a screw or bolt; Fig. 4, a front view of my ferrule in place upon the handle, the file being detached.

A, Fig. 1, is the handle; B, the split therein, which extends fully to that end of the handle inclosed by the compressing-ferrule C. D is a bolt or screw, which passes through two lips, E E′, the upper lip, E, being pierced with a blank hole, the lower lip, E′, being screw-threaded to receive the thread of bolt D set upon the outside of the opposite edges or lips formed by the split F in the ferrule C. G is the file or rasp, the tang H of which projects into the interior of the split clamp I. The split clamp I is a hollow cone shaped inwardly to receive the tang H of the file or rasp, the split in the said clamp allowing it to be compressed to tightly grasp the tang H. The split B in the handle A permits that portion of the handle so split also to be compressed by the tightening of the ferrule C, also to be compressed so as to act upon the split clamp I and lock the tang of the rasp finally in place. The screwing down or loosening of the bolt D will bring the opposing lips of the split ferrule C closely together or will open them, so as to either hold the tang firmly in place in the handle or loosen it therein by compressing the split portion of the handle, and the inner contained clamp, I, or relieving such compressor.

What I claim as new is—

In a handle for files, rasps, and other tools, the combination of handle A, with a split, B, inner contained split clamp, I, split ferrule C, screw-threaded pierced ears E E′, and screw-threaded bolt D, the said clamp I being adapted, when compressed, to hold and retain the tang or butt of a rasp, file, or other tool, substantially as described.

HENRY J. GOSLING.

Witnesses:
CHAS. M. LUKENS,
GEORGE E. BUCKLEY.