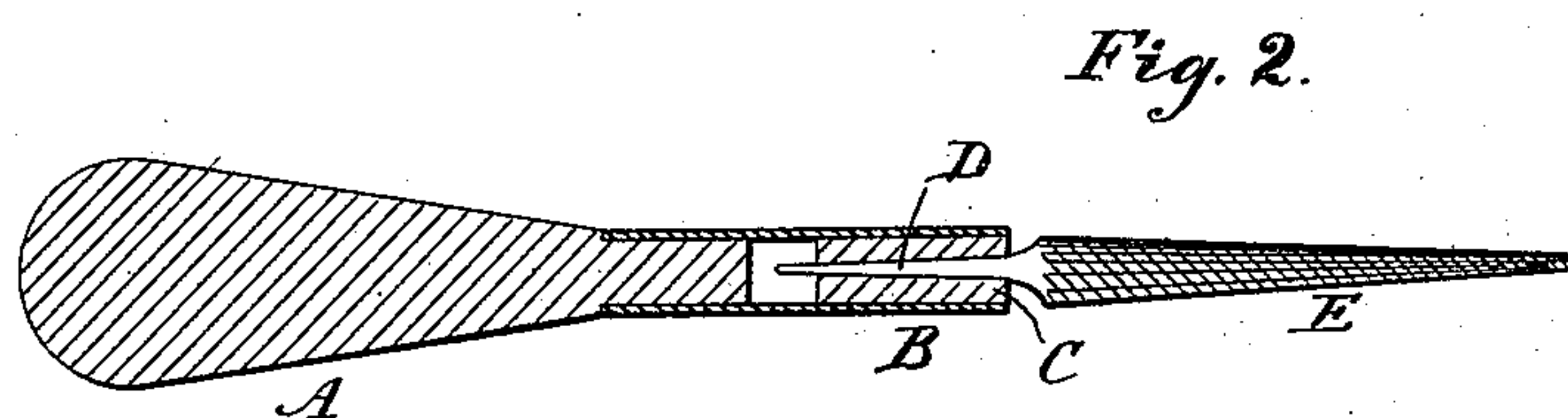
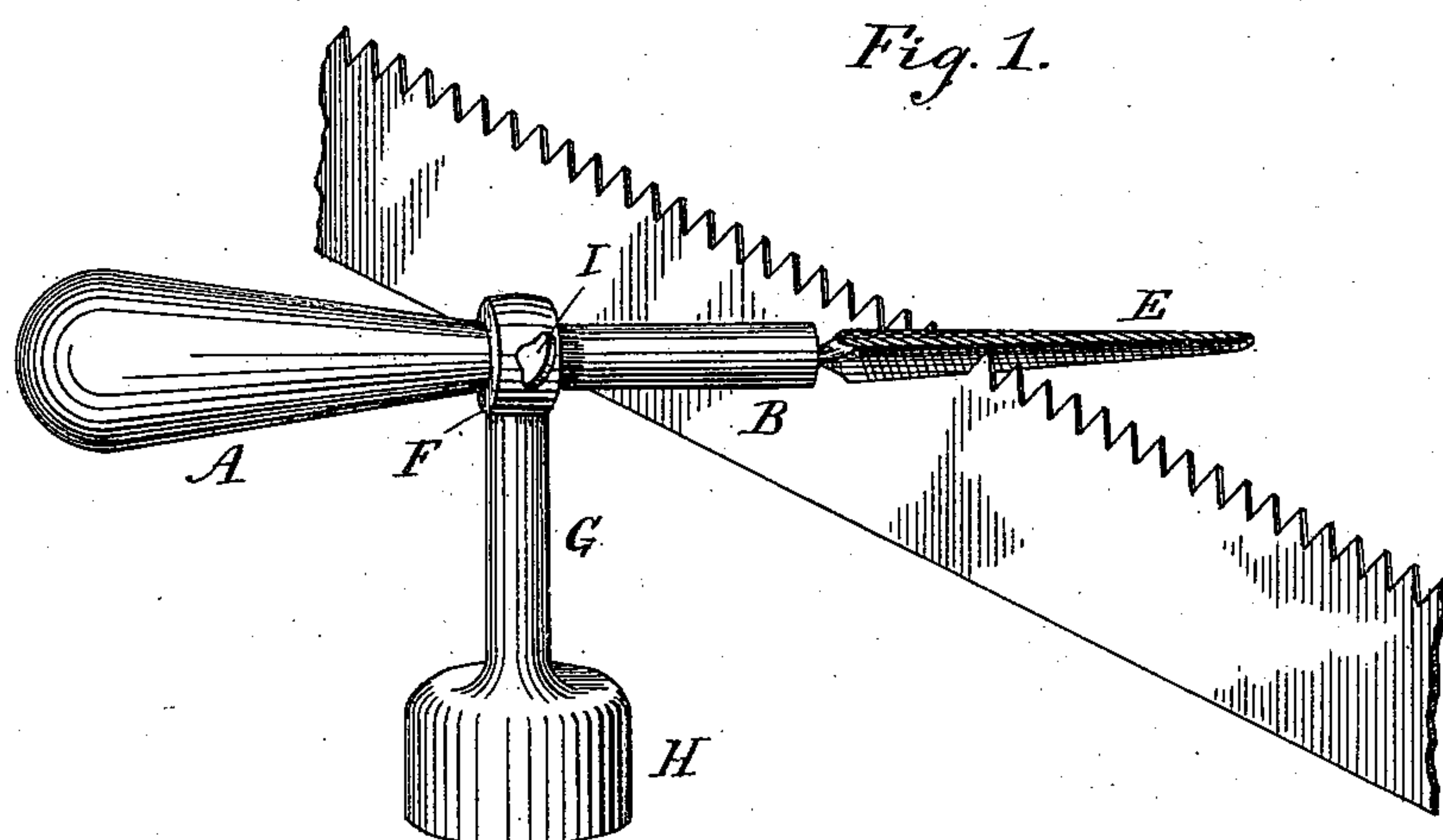


(No Model.)

W. MOORE.  
SAW FILE ADJUSTING WEIGHT.

No. 377,528.

Patented Feb. 7, 1888.



WITNESSES:

*D. C. Reusch.*  
*W. Sedgwick*

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ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILLIAM MOORE, OF MOONEY, INDIANA.

## SAW-FILE-ADJUSTING WEIGHT.

SPECIFICATION forming part of Letters Patent No. 377,528, dated February 7, 1888.

Application filed September 3, 1887. Serial No. 248,697. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM MOORE, of Mooney, in the county of Jackson and State of Indiana, have invented a new and Improved Attachment for Saw-Files, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a perspective view, and Fig. 2 is a longitudinal section, of the file-handle.

Similar letters of reference indicate corresponding parts in both views.

The object of my invention is to provide an attachment for saw-files by which the file may always be held at the same angle, thus insuring uniformity in the angles of the teeth.

My invention consists in the combination, with a file-handle, of a pendent weight adjustably attached to the handle and adapted to hold the file at the proper angle by gravity.

To the handle A is attached a long ferrule, B, which projects beyond the end of the handle and receives a centrally-apertured wooden plug, C, into which is inserted the tang D of the file E. To the ferrule B is fitted the eye F, which is formed integrally with the shank G of the weight H. In the eye F is inserted the thumb-screw I, for binding it in the position of use on the ferrule B.

In using my improved attachment the screw I in the eye F is loosened and the file E is placed in the working position in the teeth of the saw, when the eye F is clamped upon the ferrule B by the set-screw I. The file is now

applied to the saw in the usual way, while the pendent weight H preserves the angle at which the file was first adjusted, and both sides of the saw can be filed without changing end of saw or position of the file; but if end of the saw is changed after one half of the teeth have been filed the position of the file is adjusted for the other half in the manner already described.

The centrally-apertured plug C after long use becomes worn, so as to be worthless. It may then be removed and replaced by a new plug of the same kind, thereby saving the handle and permitting of using it indefinitely.

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

1. The combination, with a saw-file and file-handle, of a pendent weight, substantially as described.

2. The combination, with the file E and handle A, provided with the ferrule B, of the pendent weight H, provided with the shank G, the eye F, and thumb-screw I, substantially as described.

3. As a new article of manufacture, an attachment for file-handles, consisting of the weight H, provided with the shank G, having an eye, F, to receive the file-handle, and with a thumb-screw, I, for securing it in position on the handle, as set forth.

WILLIAM MOORE.

Witnesses:

HENRY DODDS.

DAVID A. STOCKWELL.