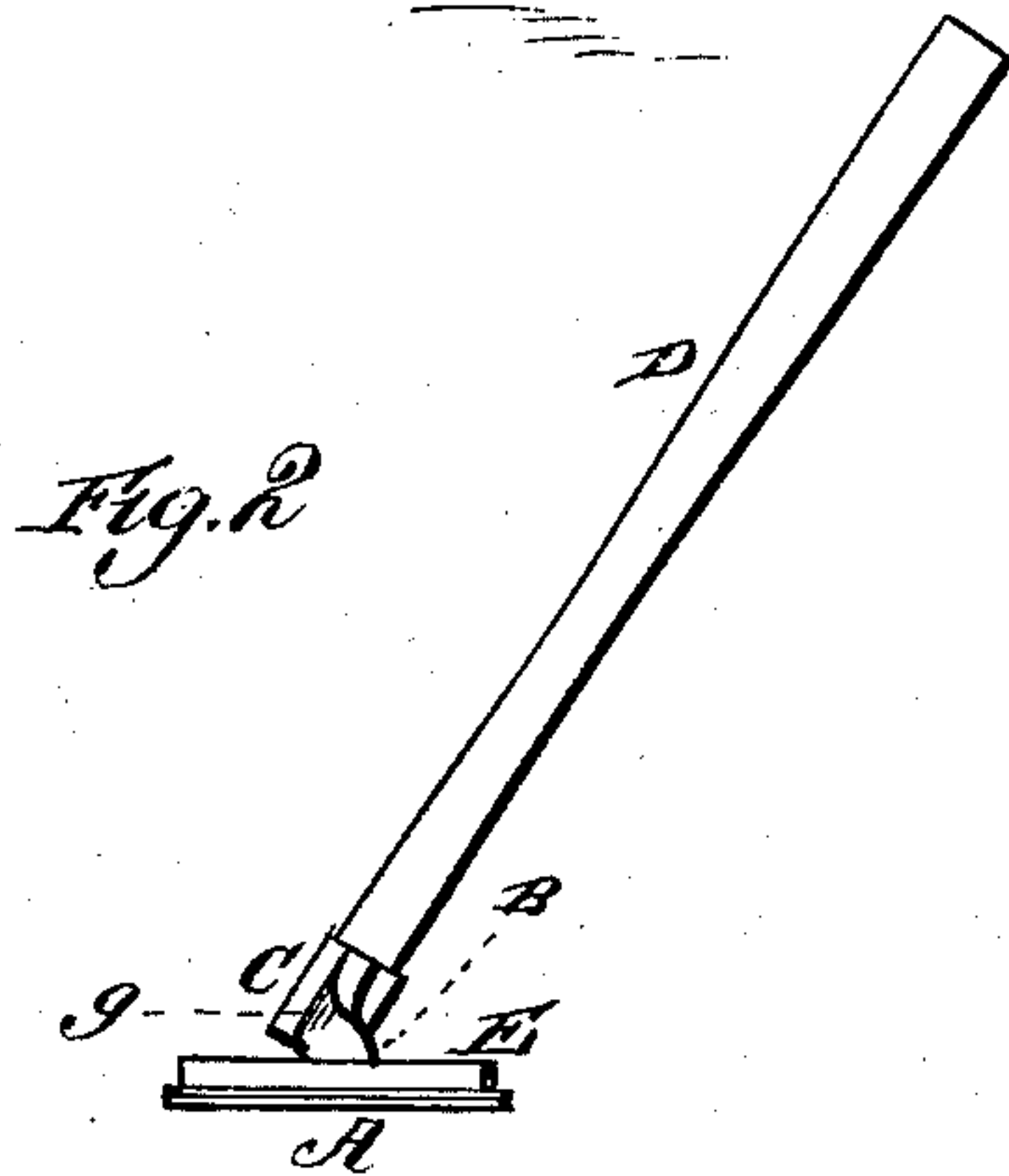
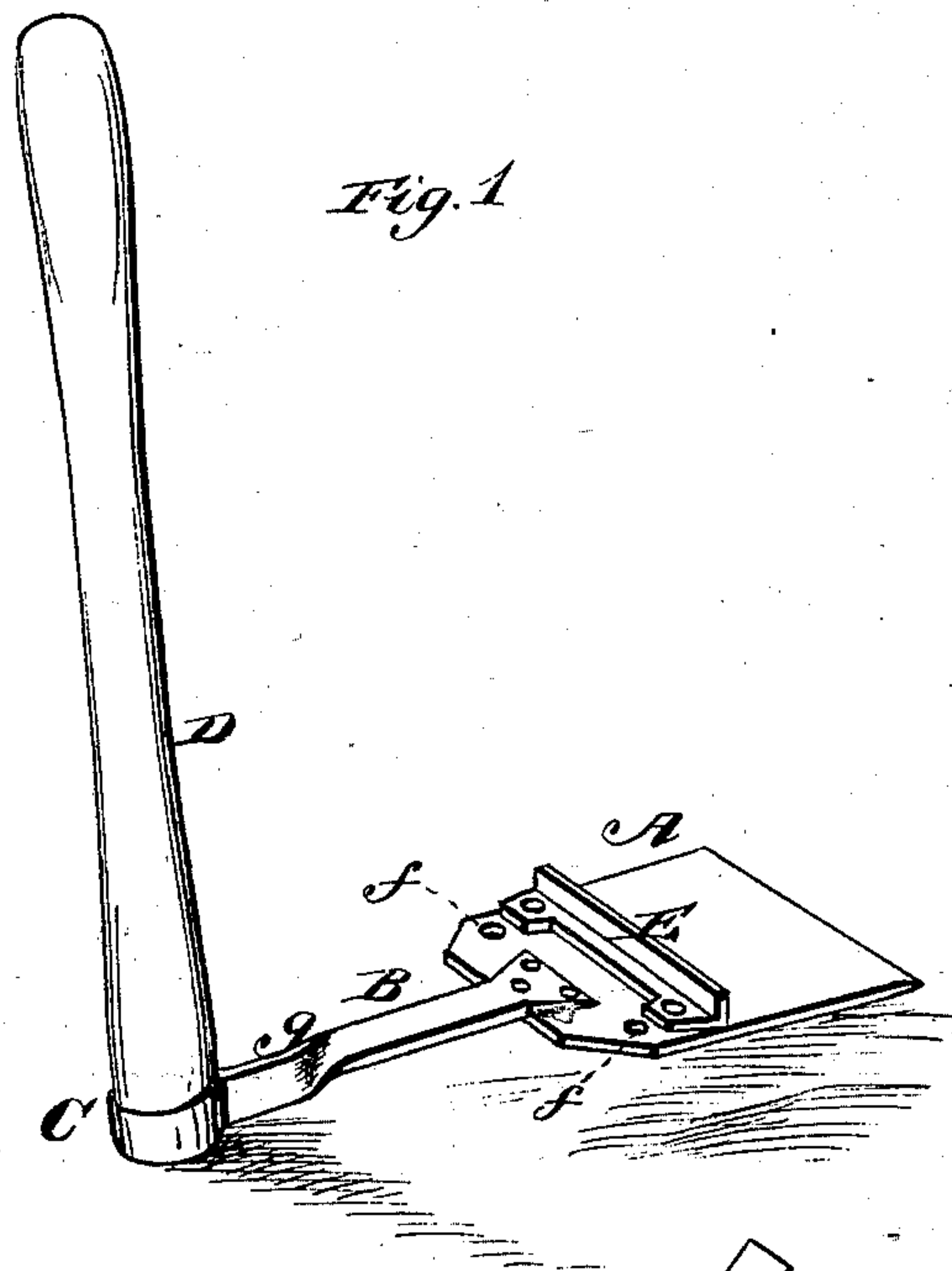


E. HAIN.
Tobacco-Choppers.

No. 222,039.

Patented Nov. 25, 1879.



WITNESSES

Robert Everett
James J. Shuey

INVENTOR

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UNITED STATES PATENT OFFICE.

EDWIN HAIN, OF EDGERTON, WISCONSIN.

IMPROVEMENT IN TOBACCO-CHOPPERS.

Specification forming part of Letters Patent No. **222,039**, dated November 25, 1879; application filed October 4, 1879.

To all whom it may concern:

Be it known that I, EDWIN HAIN, of Edgerton, in the county of Rock and State of Wisconsin, have invented certain new and useful Improvements in Tobacco-Choppers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 is a perspective view of my invention, and Fig. 2 is a front view of the same.

The nature of my invention consists in a right or left handed tobacco-chopper in which a twist is given to the shank between the blade and the shank iron or socket, whereby the plane of the blade is at an angle of about forty-five degrees to the handle, so as to give increased chopping facilities to the instrument; also, in an adjustable gage upon the blade, whereby, when the blade becomes worn, the gage may be set back nearer to the shank, all as hereinafter more fully set forth and claimed.

Referring to the drawings, A designates the blade; B, the shank; C, the shank iron or socket; D, the handle, and E, the adjustable gage, which is secured upon the blade by rivets. In rear of this gage are holes *f*.

As herein shown, the shank C is formed with a twist or angular part, *g*, whereby, when the handle is fitted in the socket, it will be at an angle of about forty-five degrees with the plane of the blade A.

In practice I propose forming the shank with two slight bends upward, so as to facilitate the use of the chopper. One of these bends may be next to the blade, and the other toward the socket, just in front of the twist, or between the same and the socket. This brings the shank and handle at a more acute angle, the use of which will be readily understood by the users of similar implements.

The twist, as at *g*, may be made so as to make a right or left handed chopper, and formed so as to give the handle a greater or

less degree of inclination with respect to the blade.

The shank is made of such length as to admit of the chopping off of the tobacco-plant without danger of its being struck and damaged by the handle.

The gage is fastened to the blade by rivets. When the blade becomes worn and too short, the rivets are to be removed in any suitable way, and the gage then set back and again riveted to the blade. To this latter end holes *f* are provided.

The formation of this device effects numerous desirable results, among which the following may be mentioned: It saves the operator so much stooping over as is involved in the use of the ordinary chopper with a straight handle, and, being made in such shape, may be used with one hand without his bending over the plant and using two hands in order to insure an even cut. The gage, in addition to the advantage above named, aids in stopping or checking the blow, and hence prevents, in a great measure, all danger of the handle striking the plant, so that it is a valuable auxiliary to the lengthened shank.

What I claim is—

1. A tobacco-chopper in which the handle is set at an angle of about forty-five degrees to the plane of the blade by means of a twist in the shank between the blade and handle, as specified.

2. In a tobacco-chopper, the adjustable gage E, secured upon the blade, and adapted to be removed and secured farther back toward the shank, as set forth.

3. A tobacco-chopper composed of the blade A, shank B, having a twist at *g*, the handle D, and gage E, as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

EDWIN HAIN.

Witnesses:

JOHN SPENCER,
C. G. W. SPENCER.