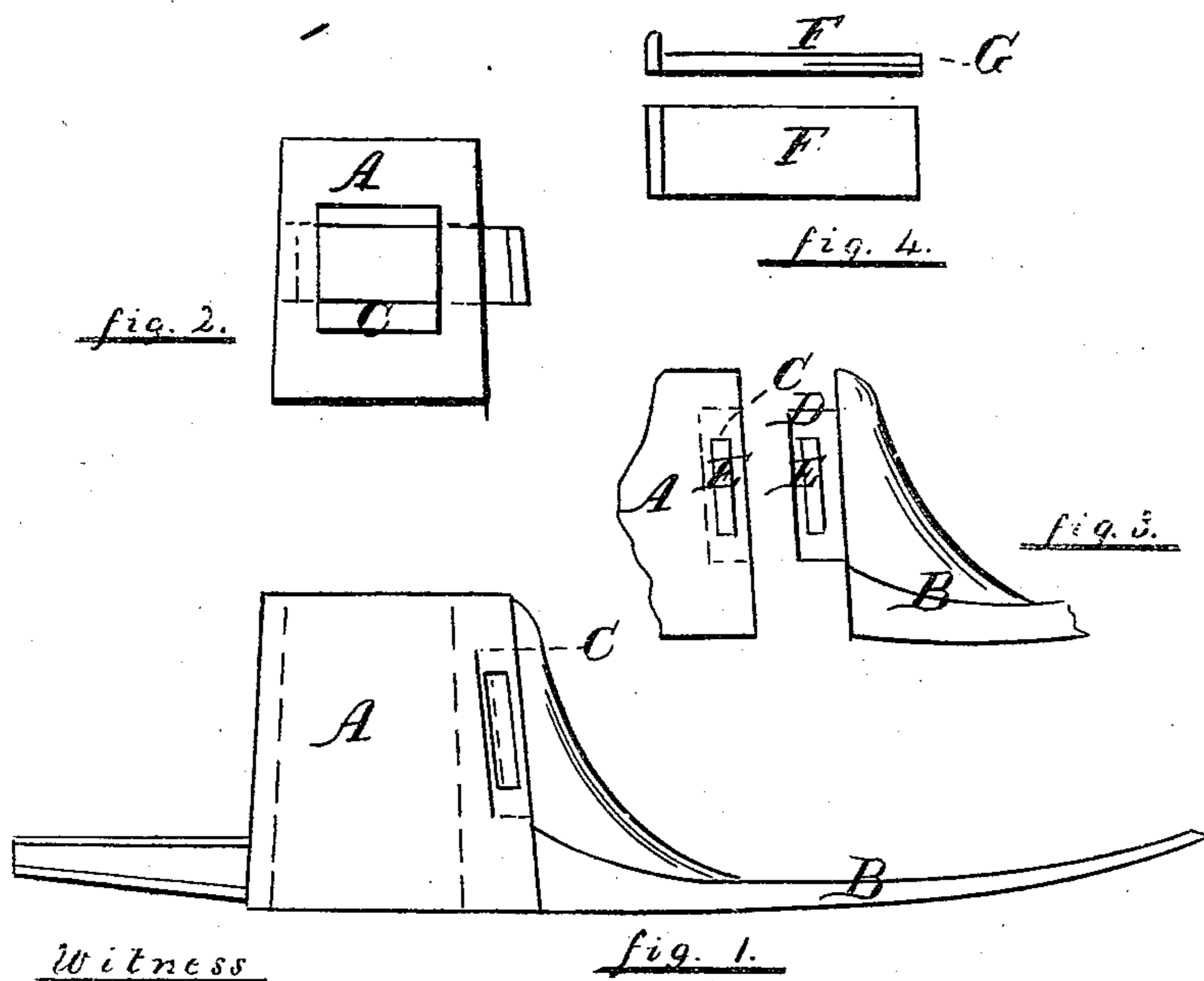


F. H. Bradley,

Adze.

No. 93,957.

Patented Aug 24, 1869.



Witness

fig. 1.

James Bradley Jr.
John R. Ross

Inventor

F. H. Bradley

United States Patent Office.

PETER H. BRADLEY, OF PORTLAND, MAINE.

Letters Patent No. 93,957, dated August 24, 1869; antedated August 7, 1869.

IMPROVEMENT IN ADZE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, PETER H. BRADLEY, of Portland, county of Cumberland, and State of Maine, have invented and discovered a new and useful Adze; and I hereby declare the following to be a full, clear, and exact description thereof, avoiding unnecessary prolixity, which will enable others to make and use my invention.

In the drawings, which make a part of my specification, the following views are shown:

- (1.) Figure 1 is a side view of the adze and socket.
- (2.) Figure 2 is a face view of the socket, with the spring-slide therein.
- (3.) Figure 3 is a side view of the manner of uniting the adze-blade and the socket.
- (4.) Figure 4 is a face and edge view of spring-slide.

Same letters are so used as to indicate like parts in all the figures.

The object in view in this invention is to provide a socket for adze-blades, which will allow various forms of blades to be attached thereto, as they are required for use, so that but one handle and socket need ever be used for every variety of blade.

It is known to mechanics, that blades of various forms are needed, and, in fact, used by the mechanic, for instance, the ship-builder. Now, these all have to be used on different handles. So, in fact, the mechanic needs as many separate adzes as he requires forms of blades.

I will refer to the drawings to illustrate the above.

A is intended to represent the socket or head, and into this the handle of the tool is inserted.

B will show the blade.

These two parts (A and B) are separate, or capable of being separated, as is designed to be portrayed in fig. 3.

C is to show an indentation in the socket A, and when the two parts A and B are pressed together, the jutting flange or lip D will be thrust into the indentation C.

I then pass through both the socket and blade-part, at E, the plug F.

Now, the two parts are firmly united, and the plug F is not liable to be thrown out, by reason of the slit G in the end, so as to form a spring.

Now, it will be understood, that all the needed forms of blades can be made with the flange D, and thus all be attachable to one and the same socket A, and thus to the adze-handle set in said socket. Thus, considerable economy is effected for the user of this tool.

What I claim as my invention, and desire to secure by Letters Patent, is—

An adze, composed of the head or socket A, flange D, slot C, and key F, constructed to operate substantially as and for the purpose specified.

PETER H. BRADLEY.

Witnesses:

JAMES BRADLEY, Jr.,
JOHN R. ROSS.