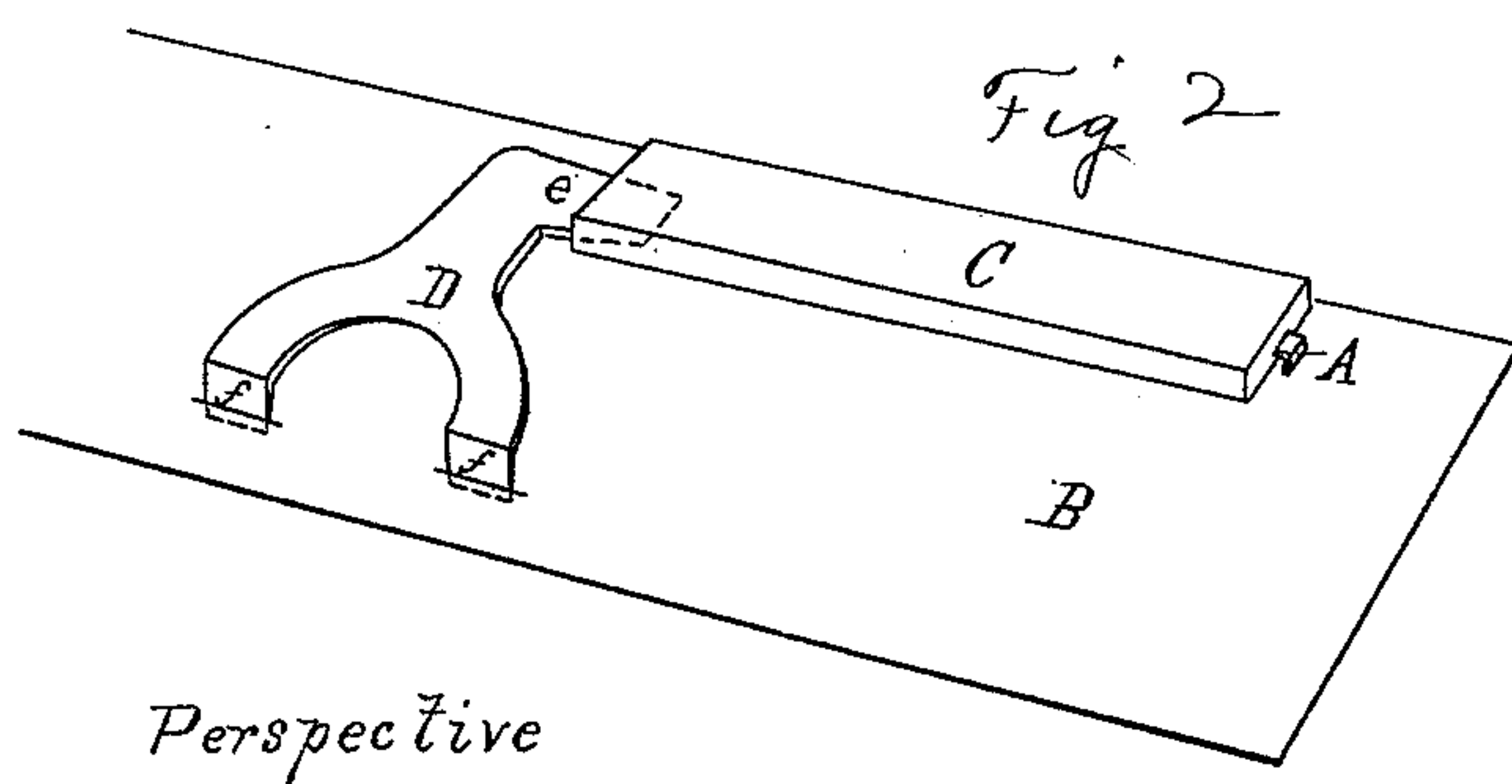
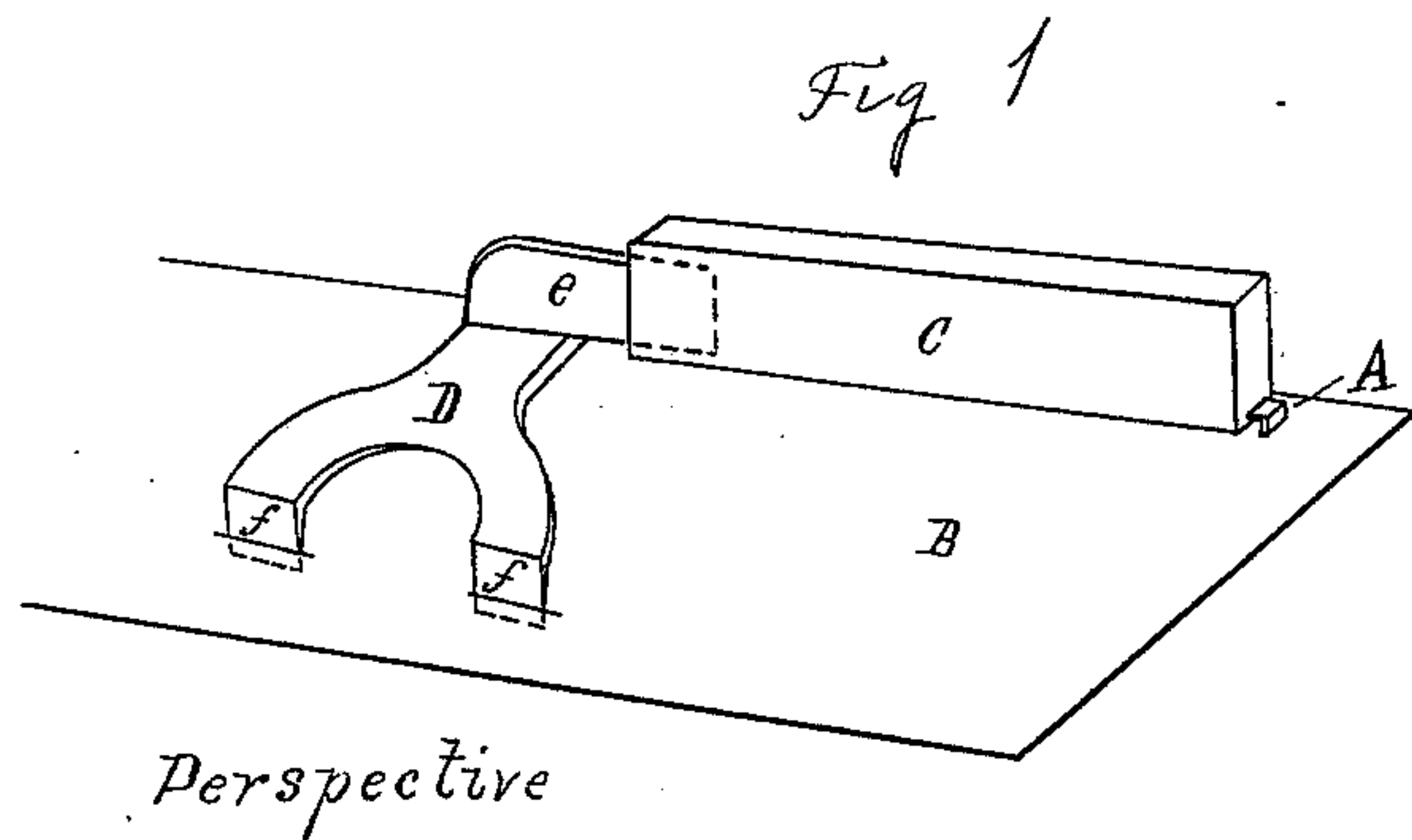


(No Model.)

P. COOK.
Bench Dog.

No. 233,986.

Patented Nov. 2, 1880.



Witnesses

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UNITED STATES PATENT OFFICE.

PHILIP COOK, OF DETROIT, MICHIGAN.

BENCH-DOG.

SPECIFICATION forming part of Letters Patent No. 233,986, dated November 2, 1880.

Application filed April 12, 1880. (No model.)

To all whom it may concern:

Be it known that I, PHILIP COOK, of the city of Detroit, in the county of Wayne, in the State of Michigan, have invented a new and Improved Adjustable Bench-Dog, which improvement is fully set forth in the following specification and drawings, in which—

Figure 1 is a perspective view of my invention with end turned up, as when holding thick lumber or a thin piece on its edge. Fig. 2 is a perspective view of my invention holding a thin piece of lumber, with the end that secures the lumber flattened out.

My invention consists of a tool or dog, simple in construction and reliable in operation, for the purpose of holding the back end of lumber of any width or thickness to the bench, so that the lumber will not slip or move back while being planed.

In the drawings, A is a nail or screw driven into the bench B, against which one end of the lumber C is placed.

D is an adjustable tool or dog for firmly holding the back end of lumber C by first driving the spur *e* lightly into the lumber and then driving the spurs *f, f*, at the other end, into the bench, thereby rigidly securing the

lumber to the bench and preventing it from slipping back or in any direction while being planed. These tools or dogs D are constructed of steel, iron, brass, or any other suitable material, usually in the shape shown in annexed drawings, but any convenient shape may be used, and are useful for carpenters, cabinet-makers, pattern-makers, and general workers in wood.

It will be seen in planing very thin lumber that the spur *e* in Fig. 1 would strike the plane. To avoid this the spur *e* is hammered or pressed flat, as shown in Fig. 2, thereby adapting the bench-dog for holding thin or thick lumber from slipping while being planed.

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

The adjustable bench-dog described, having spurs at each end, said spurs extending at about right angles from the body of the dog, substantially as shown.

PHILIP COOK.

Witnesses:

A. W. BRADFORD,
GEORGE SHIERY.