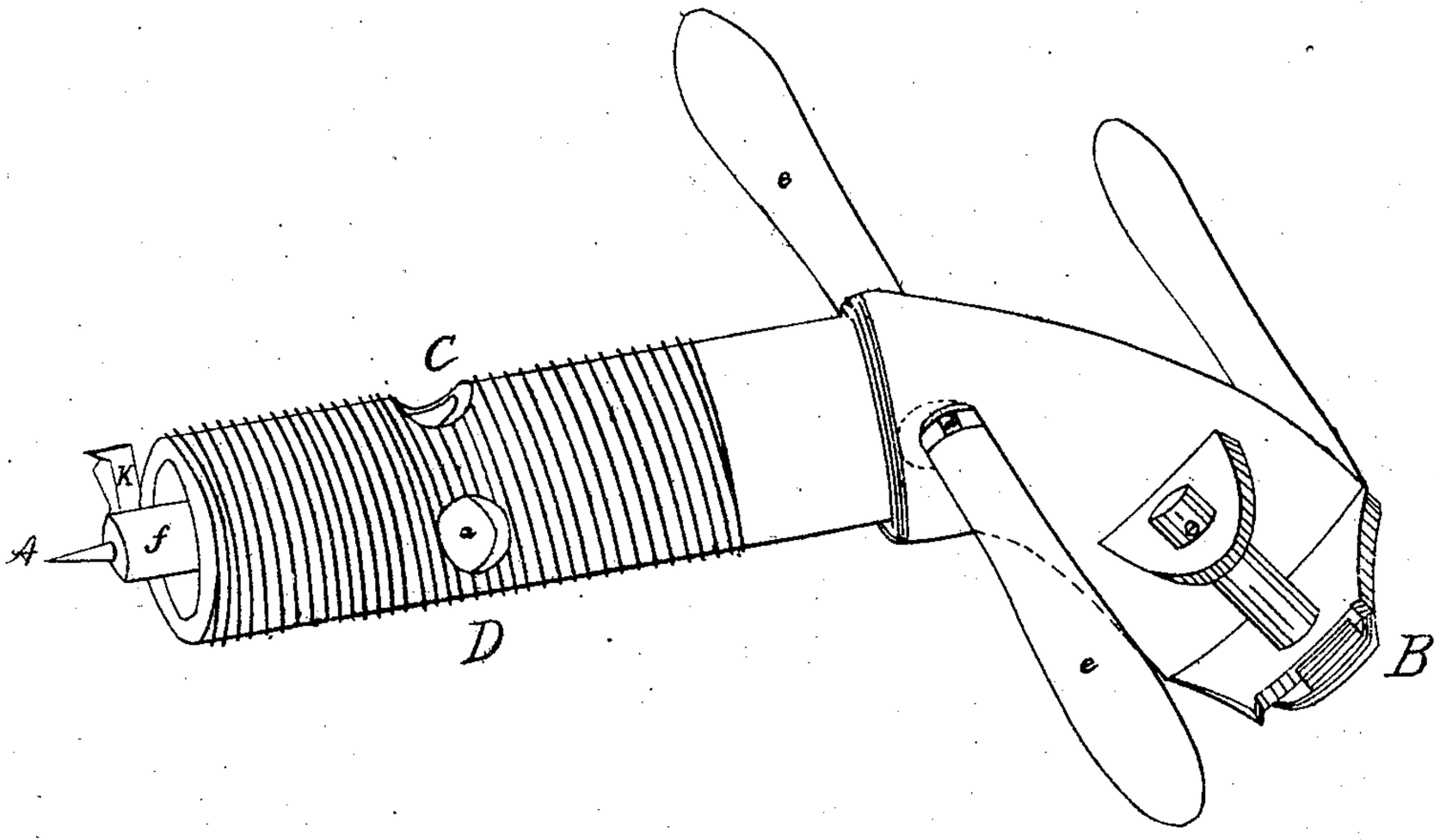
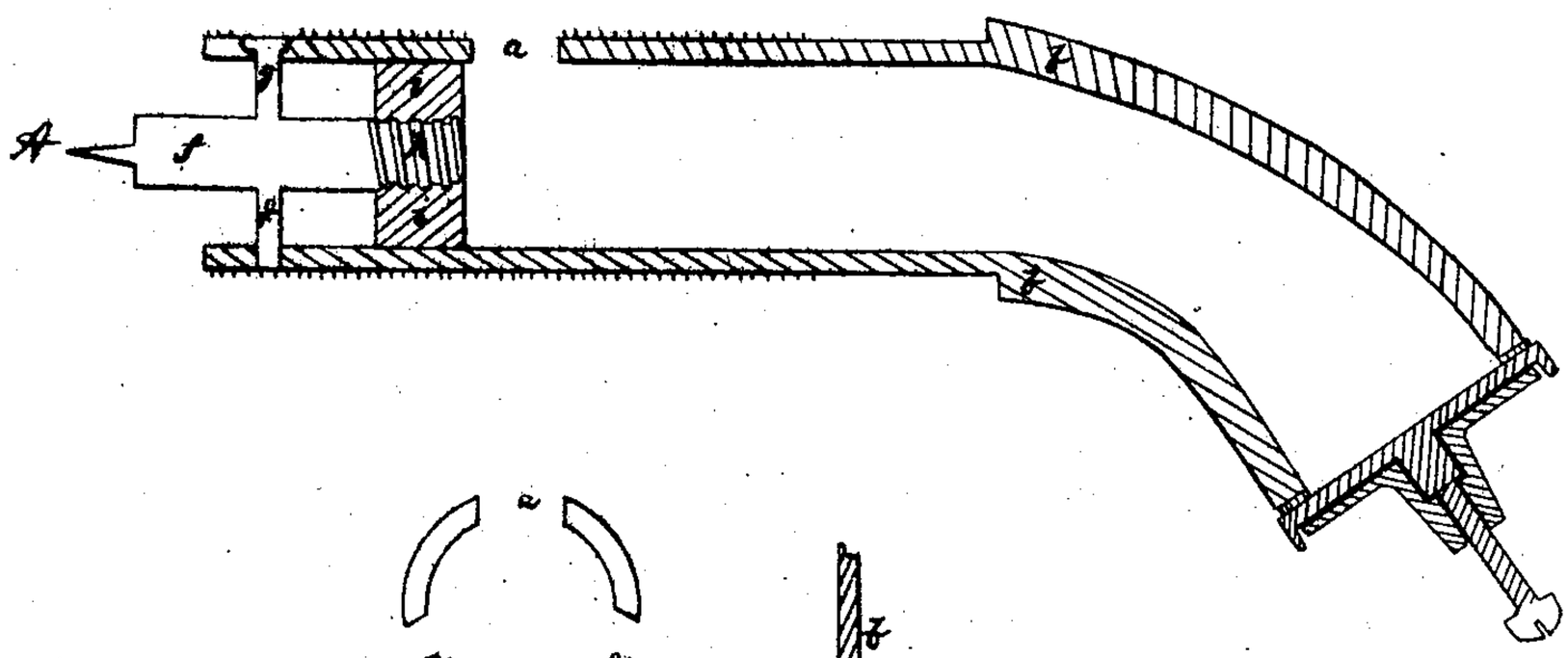
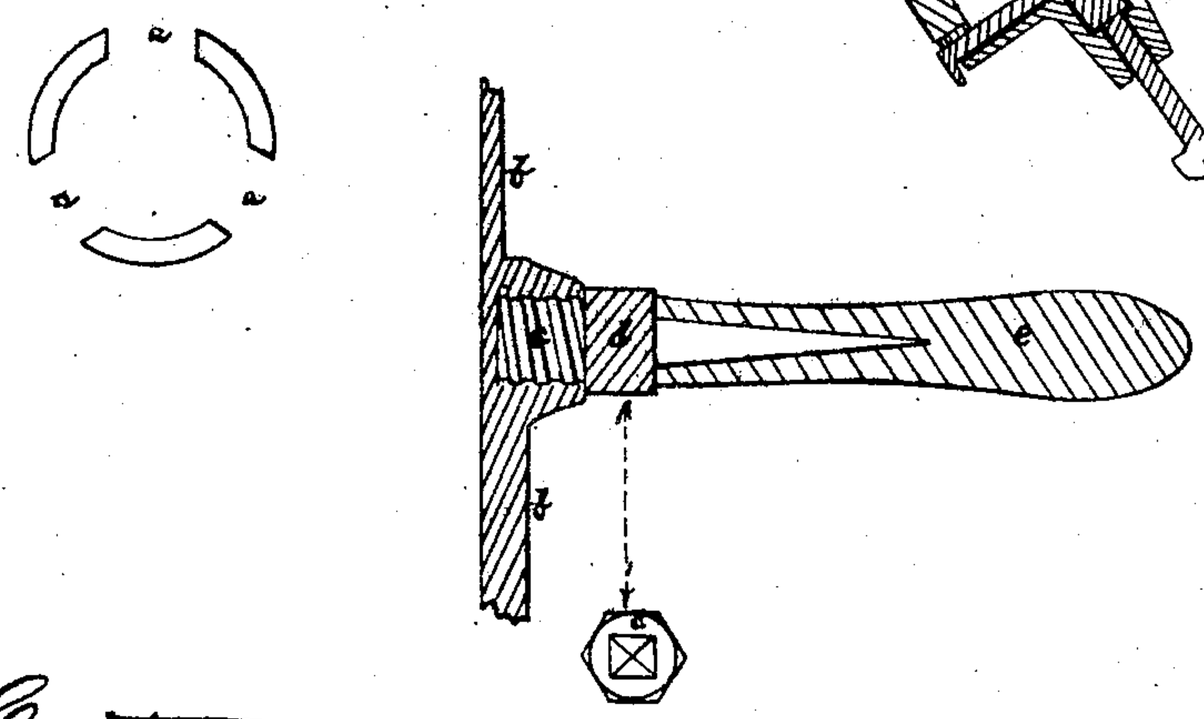
Sam.l McGee.

Faucet.

No. 75.177. Patented Mar. 3.d 1868.







Witnesses.

Thos. Hughes.

Inventor.

Samuel McGee.

United States Patent Office.

SAMUEL McGEE, OF MADISON, NEW JERSEY.

Letters Patent No. 75,177, *dated March* 3, 1868.

IMPROVEMENT IN BORING-FAUCETS.

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, SAMUEL McGEE, of Madison, in the county of Morris, and State of New Jersey, have invented a Self-Boring Cock or Faucet, to be used for drawing fluids of any kind from barrels or other wooden vessels; and I do hereby declare that the following is a full and exact description, reference being had to the accompanying drawing.

The nature of my invention consists in adding to the simple and ordinary faucet a movable and adjustable bit or auger, with arms or handles to the same, in order to render the same a self-boring instrument.

To enable others skilled in mechanics to make and use my invention, I will proceed to describe its construction and operation.

The faucet shown is constructed with a series of openings, *a a*, through which the liquid is intended to flow. Between these openings and the inner end of the faucet, the diaphragm *i i* is placed, preventing the liquid from flowing into the end of the faucet. Into this diaphragm is inserted the stock, *f'*, of an auger, projecting beyond the end of the faucet. The stock is held in place by a pin, *g*, passing through it. The screw on the end of the auger is followed by the cutting-bit *k*, which is constructed with a cutting-edge or lip, and a spur upon its outer end. This is adjustably attached to the stock of the auger by a set-screw, and so arranged that it may be altered to adapt it to the size of hole intended to be bored.

By making the bit adjustable, I provide for attaching it to any given size of faucet. In all other faucets of this kind the bit is not adjustable, and can only be used in the one size. In the end of the faucet, and between the diaphragm *i i* and the end of the tube, is a recess to receive the cuttings formed by the bit after entering the wood. Handles, *e e*, are attached to the faucet to assist in screwing it into the wood.

What I claim as my invention is not, broadly, the combination of a boring-bit and a faucet, for this I know is not new.

What I do claim, and desire to secure by Letters Patent, is—

1. The combination of a faucet and an adjustable cutter so arranged that it may be adapted to faucets of various sizes, substantially as set forth.

2. Constructing a faucet with a diaphragm, *a*, to form a chamber in the end to receive the cutting made by the bit in entering the barrel, substantially as set forth.

SAMUEL McGEE.

Witnesses:

FRED. A. DE MOTT,

JACOB VANATTA.