

(No Model.)

G. H. GASKINS.
ATTACHMENT FOR PUMPS.

No. 261,087.

Patented July 11, 1882.

Fig. 4.

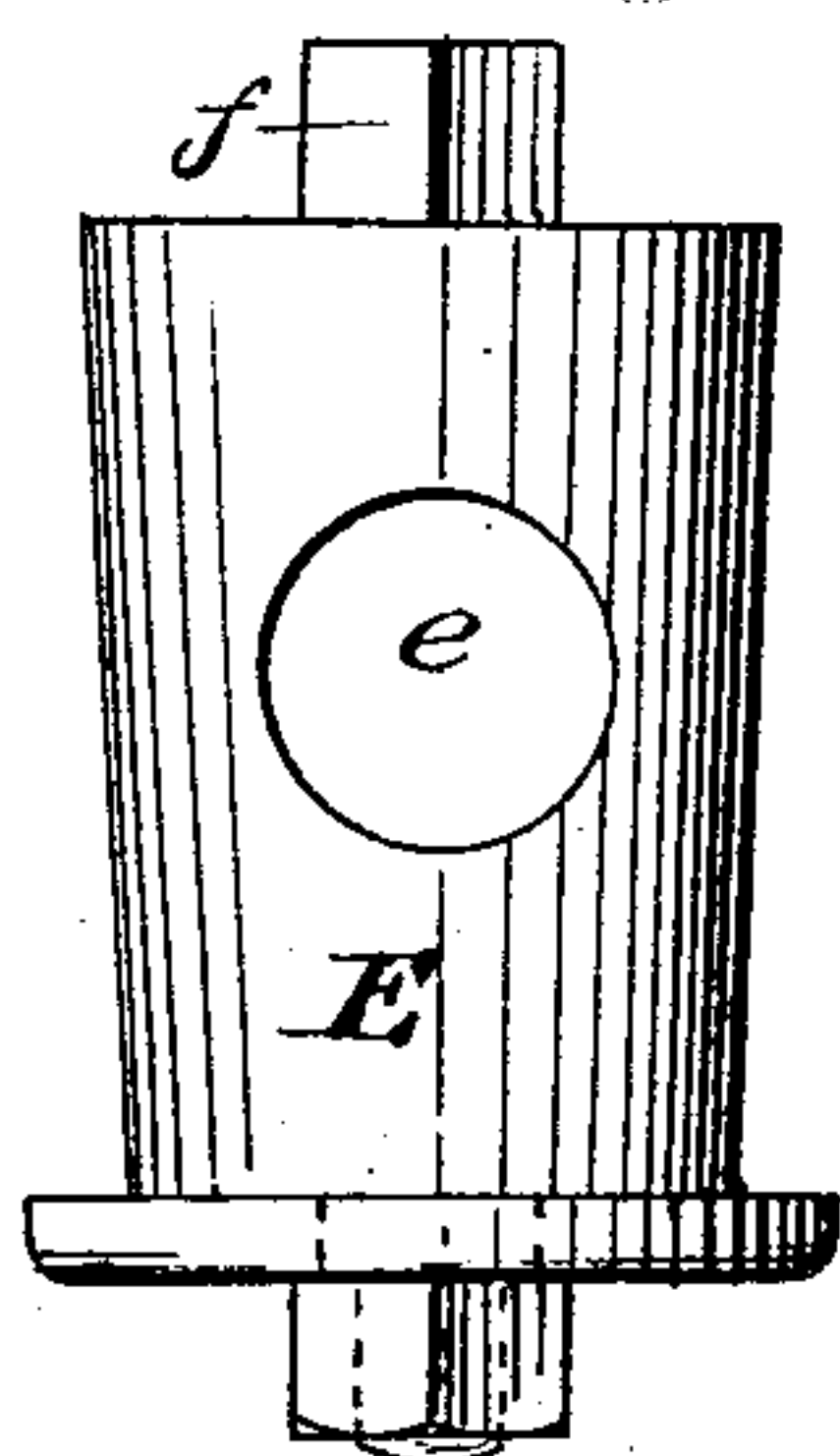


Fig. 1.

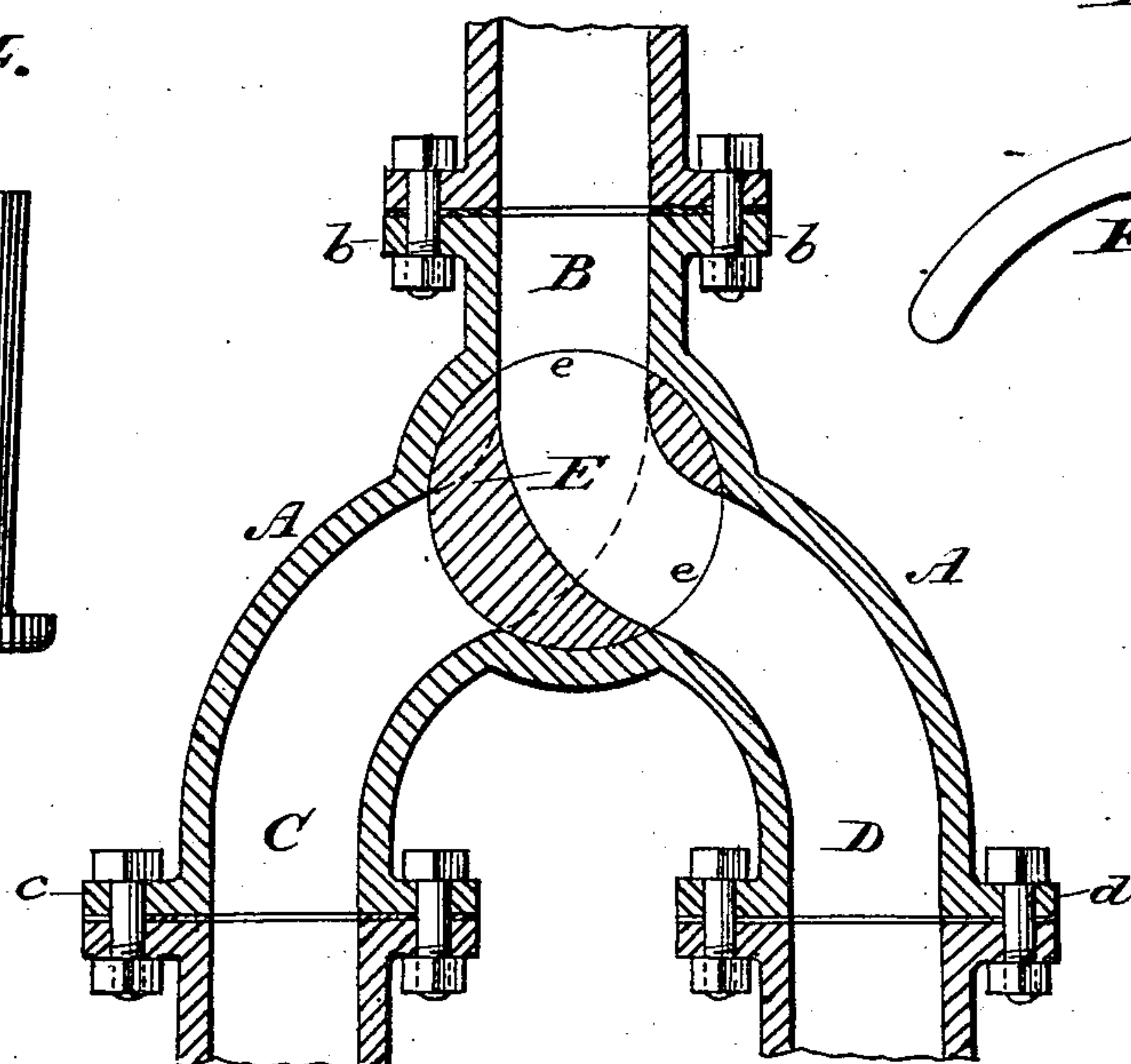


Fig. 6.

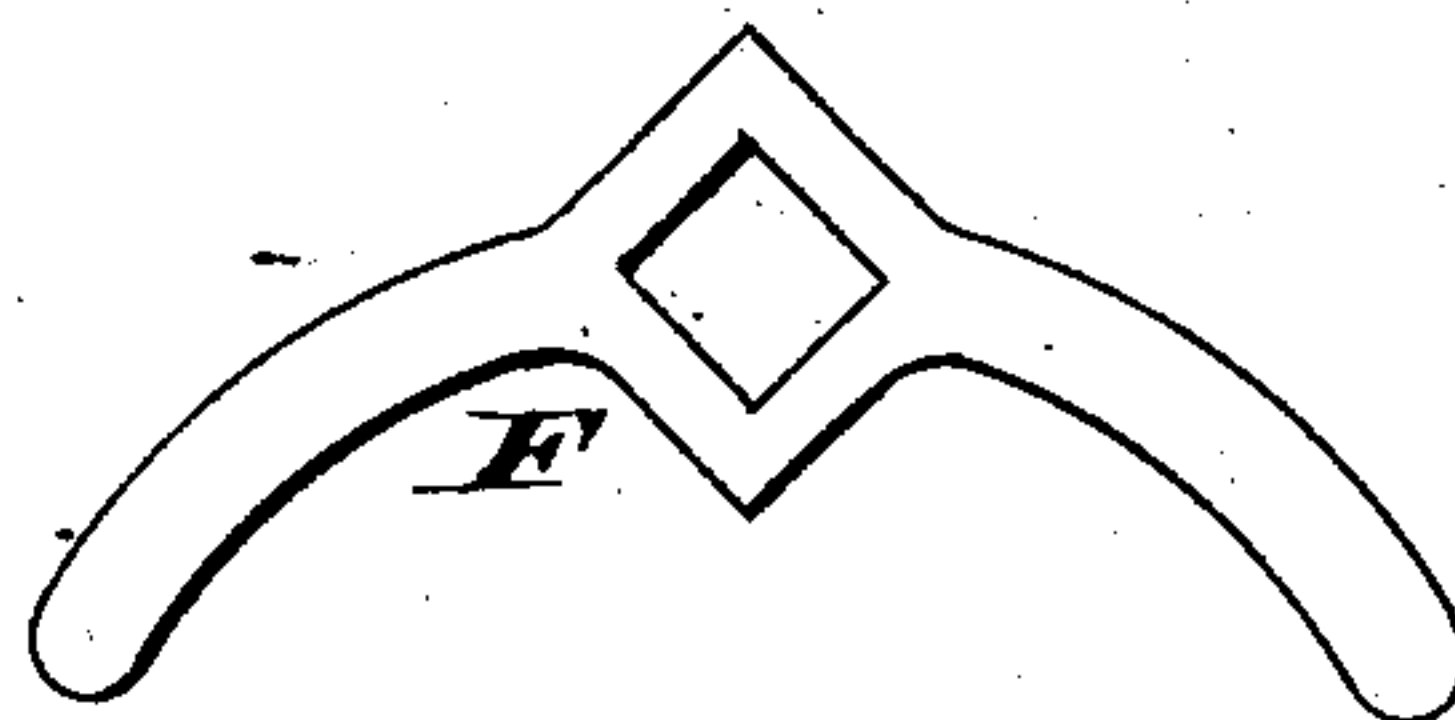


Fig. 5.

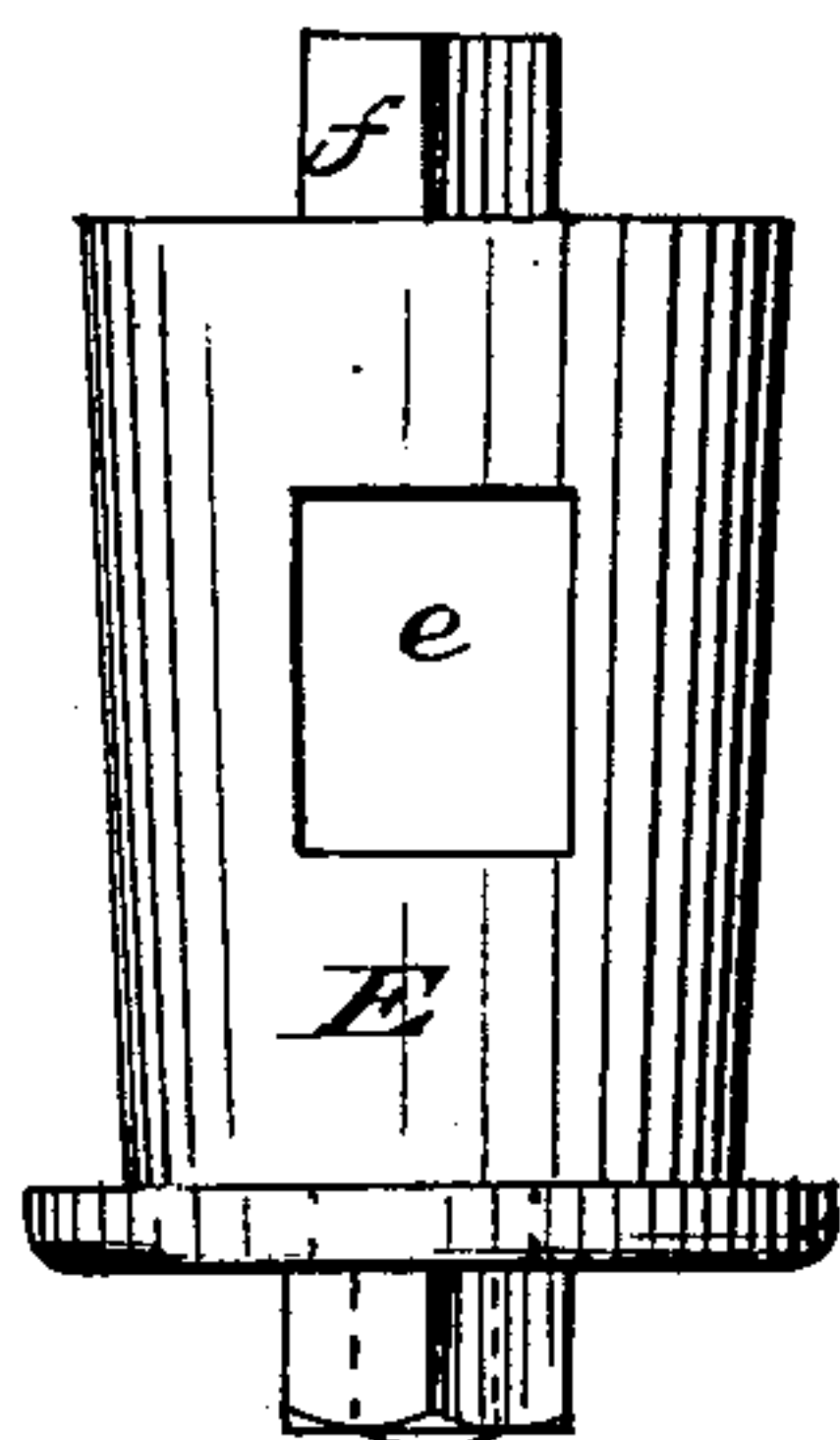


Fig. 2.

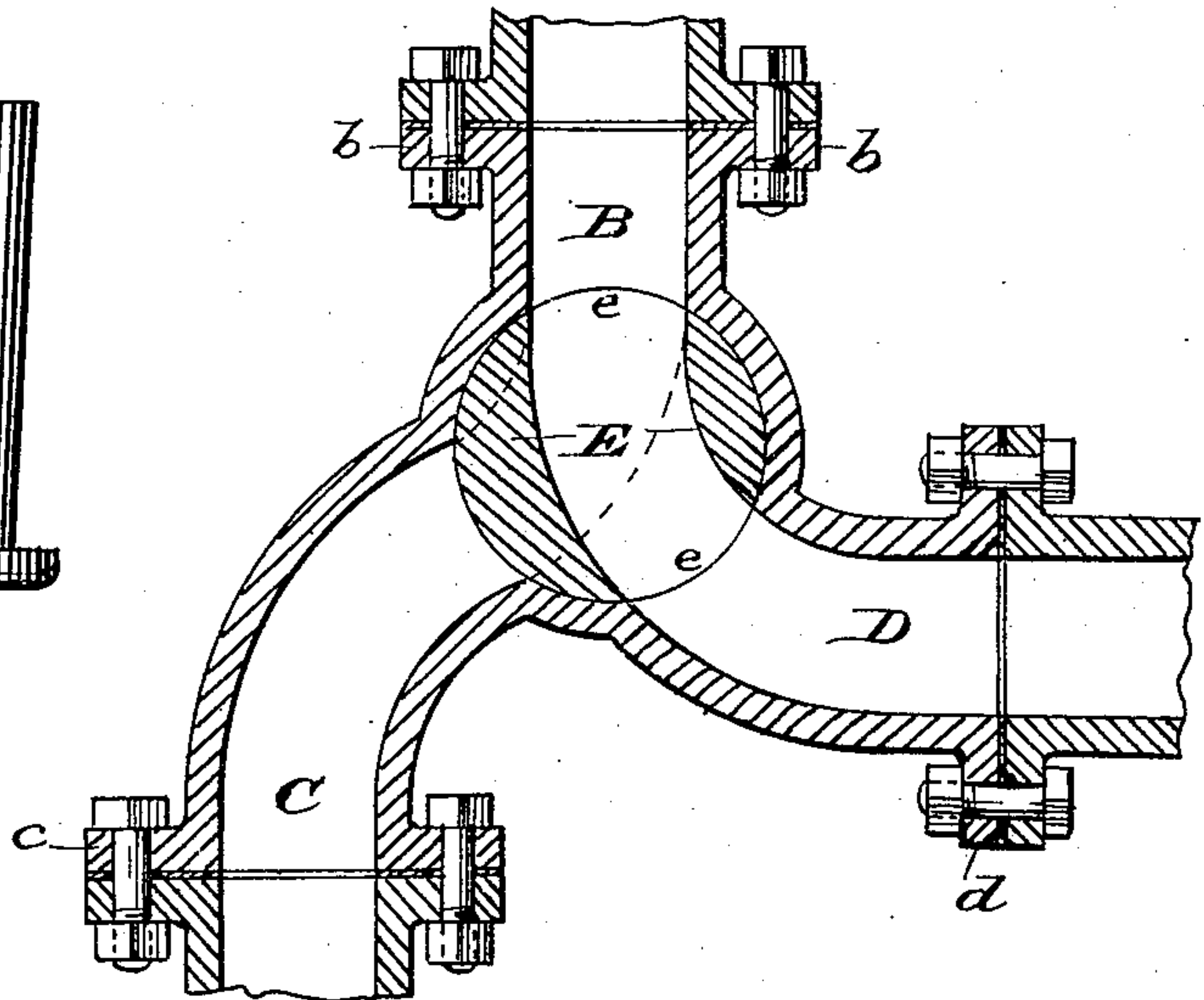
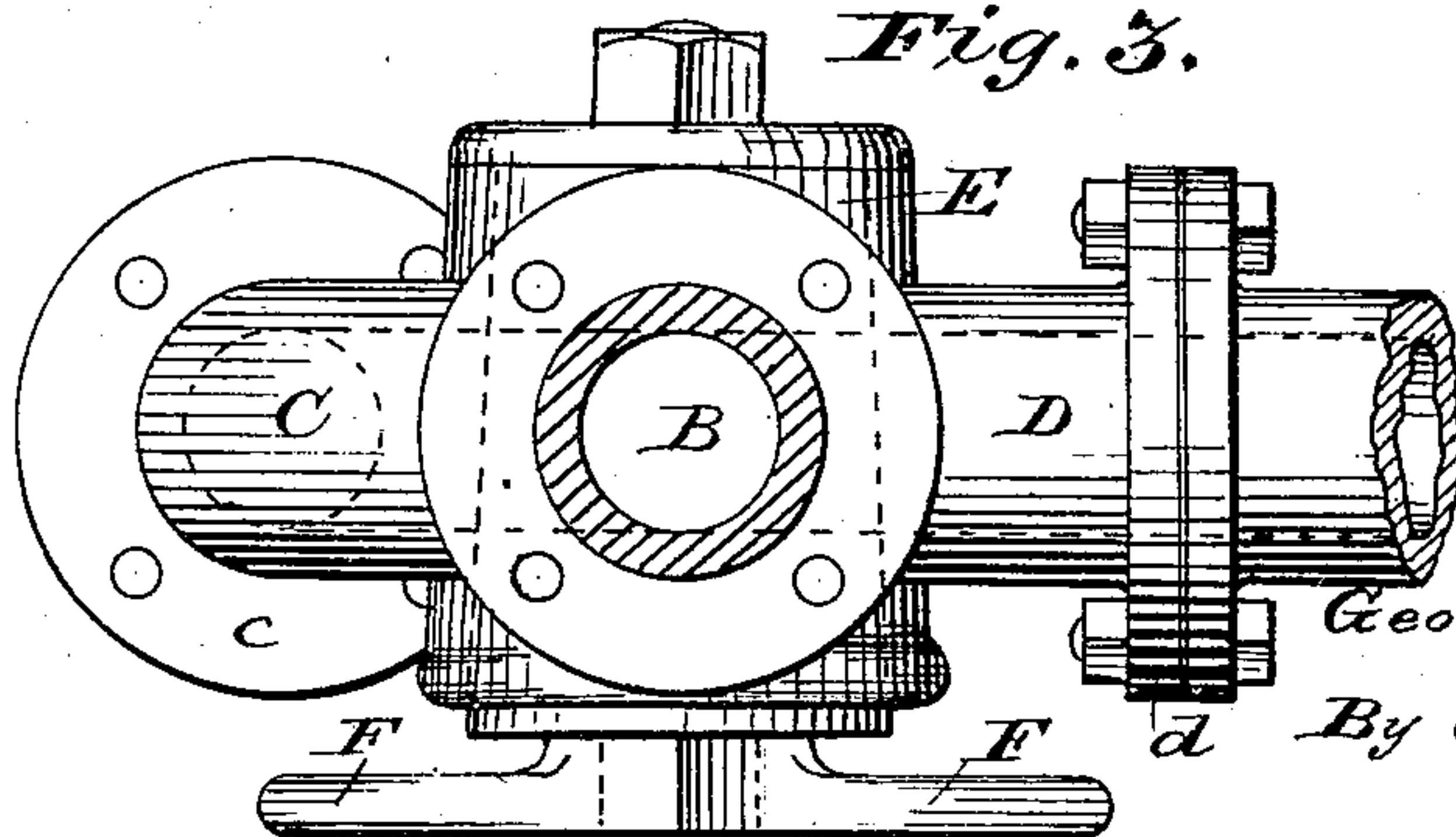


Fig. 3.



WITNESSES
S. F. Kelleher
G. H. Rogers.

INVENTOR

George H. Gaskins,
By J. C. Brecht,
Attorney

UNITED STATES PATENT OFFICE.

GEORGE H. GASKINS, OF PANTEGO, NORTH CAROLINA, ASSIGNOR OF ONE-HALF TO EDMUND A. RODERICK, OF WASHINGTON, D. C.

ATTACHMENT FOR PUMPS.

SPECIFICATION forming part of Letters Patent No. 261,087, dated July 11, 1882.

Application filed June 2, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. GASKINS, a citizen of the United States, residing at Pantego, in the county of Beaufort and State of North Carolina, have invented certain new and useful Improvements in Attachments for Pumps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in attachments for pumps; and the object is to produce an attachment for any kind of pump by which the same pump can be used for different purposes by merely turning a valve, so that, for instance, the pump may be used for pumping out the bilge-water, and then for washing the deck of a vessel, or for use during fire, or for any similar purposes.

The invention consists in the construction and arrangement of parts, as will be more fully described hereinafter, reference being had to the accompanying drawings, in which—

Figure 1 is a vertical section of my improved attachment with its valve. Fig. 2 is a similar view of a modification. Fig. 3 is a plan view of Fig. 2. Fig. 4 is a side view of the valve with round hole. Fig. 5 is a similar view thereof with square hole. Fig. 6 is a detached view of the handle.

In the drawings, A represents a branch piece or coupling having the three branches B C D, which are provided with suitable flanges, *b c d*, by which they are to be attached to the pump and the pipes that lead, for instance, into the bilge-water of a vessel, or to the outside of the ship into the sea-water. Instead of the flanges, it will be readily understood that screw-joints or other coupling devices may be employed. At the juncture of these three branches is arranged a two-way valve, E, the aperture *e* in which is made either round, square, or oblong, and is constructed to conform to the curve of connecting branches, and in Fig. 1 the two branches are intended for larger-sized vessels, in which the pipes can be arranged side by side, while in Fig. 2 one branch extends into the hold of a vessel, while the other is arranged at right angles to extend through the side of the vessel into the sea-water. Of

course these branches can be made to conform to any shape, so as to suit different circumstances and different localities, vessels, or wherever it is desired to apply them. On the end of the valve-stem *f*, which is preferably made square, is secured a handle, F, which is bent or curved, as shown in Fig. 6, so as to conform to the curve of the two lower connecting branches of pipes. By means of this handle, bent as shown, the position of the opening in the valve can be readily ascertained and changed from one branch to the other, as desired. It can be made of any suitable material and any size.

The advantages of my improved device will be readily appreciated by those skilled in the art, and some of them are that instead of requiring two separate pumps to accomplish two purposes—*i. e.*, to draw, for instance, water from the bilge of a vessel, which is dirty, brackish, and odorous, and therefore offensive—the connection is made with one branch, and if it is desired to wash the decks or to extinguish fire, or for other purposes, the connection is made with the other branch by changing the valve, and pure water is thus obtained for use. The device is very simple in construction, not liable to get out of order, it can be applied wherever it is required without much trouble, and can be furnished at a moderate expense.

I am aware of Patent No. 97,366, in which a two-way cock is shown, but of different construction from mine, and not applicable in the same manner. I am also aware of Patent No. 210,055, in which an attachment with a valve is shown, having nozzles leading to opposite sides of a keelson, and a separate nozzle on the pump-barrel, to which hose can be attached; and I am also aware that a faucet has been provided with a spherical valve to draw hot and cold water or other liquid at the same time, or mixed; and I therefore disclaim these devices shown in said patents, as they are not applicable to a pump in a similar manner to mine; but,

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

1. An attachment for pumps, consisting of a three-way branch piece having at its junct-

tion a two-way valve arranged as shown, and provided with an orifice conforming to the curves of the communicating nozzles, and of the same size as the openings in the nozzles
5 to form an unobstructed passage, substantially as specified.

2. The attachment for pumps herein described, consisting of a three-way branch piece, A, with suitable flanges, a two-way valve, E,
10 with an aperture conforming to the connecting curves of the branches, and of the same size as

their openings to form an unobstructed passage, and a handle, F, curved as shown, to indicate the position of the valve, all arranged substantially as shown, and for the purpose 15 specified.

In testimony whereof I hereby affix my signature in presence of two witnesses.

GEORGE H. GASKINS.

Witnesses:

LLOYD F. KELEHER,
PHILIP F. LARNER.