

(No Model.)

G. BRETT.
PUMP.

No. 273,663.

Patented Mar. 6, 1883.

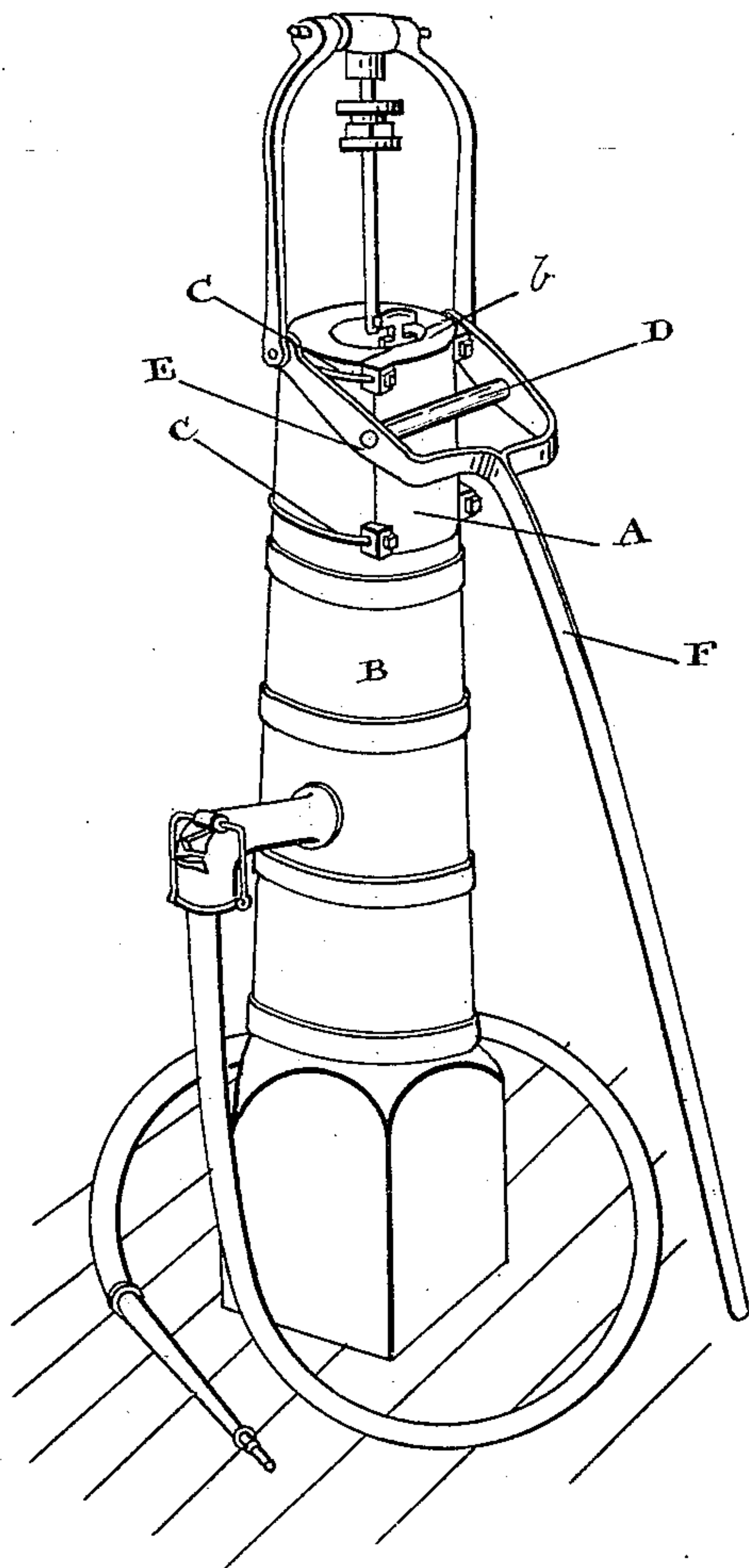


Fig. 1.

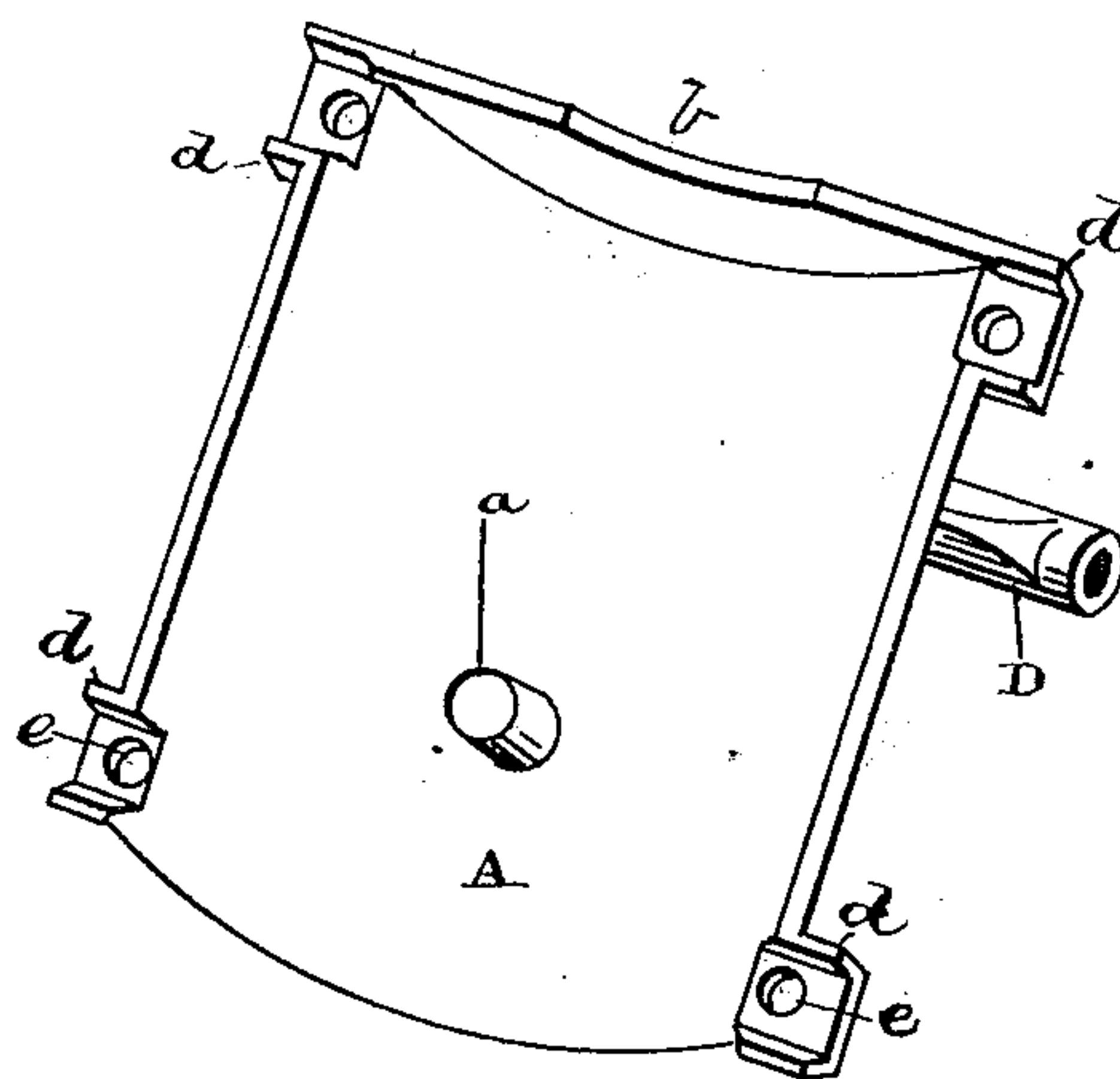


Fig. 2.

Witnesses.

Lewis Toulmin
Chas. C. Baldwin

Inventor.

George Brett
by Donald H. Ridoutt
Att'y.

UNITED STATES PATENT OFFICE.

GEORGE BRETT, OF TORONTO, ONTARIO, CANADA, ASSIGNOR TO OGLE
ROBERT PECK, OF SAME PLACE.

PUMP.

SPECIFICATION forming part of Letters Patent No. 273,663, dated March 6, 1883.

Application filed November 4, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE BRETT, of the city of Toronto, in the county of York, in the Province of Ontario, Dominion of Canada, have
5 invented certain new and useful Improvements in Wooden Pumps, of which the following is a specification.

The object of the invention is to provide a permanent pump-handle fulcrum on the head
10 of a cone-shaped pump; and it consists in clamping onto the side of the pump-body, near its top, a metal bracket curved to fit the pump-body, and provided with a horizontal bearing to support the pivotal pin of the handle, as hereinafter more particularly explained.
15

Figure 1 is a view of a pump-head with my improved pump-handle-fulcrum bracket attached. Fig. 2 is an enlarged detail of the bracket.

20 To provide a large bearing for the pump-handle it has been the custom heretofore to form a square head on the top of the body of the pump, on which the bearing-box for the pivotal pin of the pump-handle was bolted. This
25 necessitated the making of the head separate from the body, in order that the latter might be hooped, and which peculiar shape of pump-body was invented and patented by Charles Powell, of Toronto. To obviate the necessity
30 of this sectional pump-body, which possesses certain objectionable features not necessary to enumerate, I devised my pump-handle-fulcrum bracket A, which is curved, as indicated, to fit the body of the pump B, to which it is
35 clamped by the staple-bolts C, as indicated. The bracket A is formed with shoulders *d*, recessed on their under side to receive the ends of the staple-bolts, and also provided with a perforation, *e*, through which the ends of bolts
40 are projected to receive a nut for securing the bracket to the pump. In order to assist in

sustaining the bracket A in position, I form a flange, *b*, which rests on top of the pump-body, and on its interior surface a projecting pin or
teat, *a*, which fits in a hole bored to receive it 45
in the body of the pump.

D is a horizontal bearing cast upon the back of the bracket A, and through which the pivoted pin E of the pump-handle F passes, suitable holes for oiling the bearing being made 50
in D.

I am aware that brackets for supporting the lever or handle of a pump have been secured to the pump by passing around the upper end thereof, and therefore make no claim to such
55 construction, but limit myself to the special construction hereinafter claimed.

What I claim as my invention is—

1. The combination, with a pump-body, of a curved metal bracket having a flange to rest 60
on the top of the pump-body and a bearing for supporting the pump-handle, said bracket being secured to the pump by clamps, as set forth.

2. The combination, with a pump-body, of a bracket, A, for supporting the pump-handle, 65
secured to the upper end thereof by clamps, and provided with a projection, *a*, for entering a like shaped hole in the pump-body, as and for the purpose set forth. 70

3. The combination, with a pump-body, of a bracket, A, secured to the upper end thereof by clamps, and provided with a flange, *b*, and projection *a*, as shown and described.

4. The bracket A, formed with shoulders *d*, 75
perforations *e*, projection *a*, and flange *b*, in combination with the clamps or staple-bolts C, as set forth.

GEORGE BRETT.

Witnesses:

WELLINGTON J. PECK,
D. MACDONALD.