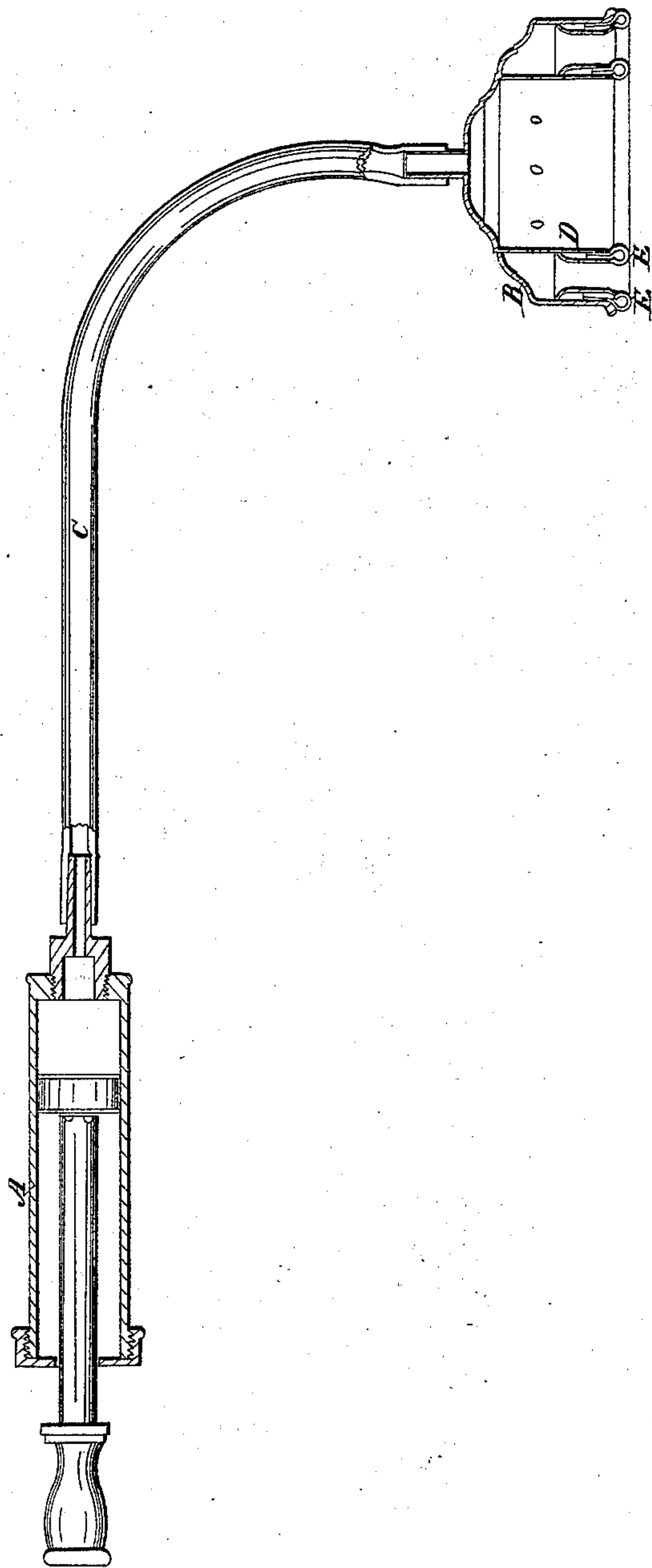


S. McLean,
Cupping Instrument,
N^o 15,568.
Patented Aug. 19, 1856.



UNITED STATES PATENT OFFICE.

SHERMAN McLEAN, OF REYNALES BASIN, NEW YORK.

CUPPING INSTRUMENT.

Specification of Letters Patent No. 15,568, dated August 19, 1856.

To all whom it may concern:

Be it known that I, S. McLEAN, of Reynales Basin, in the county of Niagara and State of New York, have invented a
5 new and useful improvement in surgical instruments used for cupping and in other cases where the blood and other secretions are forced to the external surface by atmospheric pressure to divert and interrupt diseased action; and I do hereby declare that
10 the following is a full, clear, and exact description of the same, reference being had to the annexed drawing, making a part of this specification, said drawing being a longitudinal section of my improvement.
15

The nature of my invention consists in having the cup of the implement formed of a series of concentric chambers or cups placed one within the other and having
20 perforated sides, as will be presently shown and described, so that a good bearing surface is obtained for the cup which is consequently prevented from being pressed or sunk into the body by the pressure of the
25 atmosphere.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A, represents an ordinary pump, or such
30 as is generally used for surgical purposes; and B, represents a metallic cup which is connected with the nozzle of the pump by an elastic tube C. The cup, B, has one or more smaller cups, D, fitted and secured
35 within it concentrically. One is represented in the drawing but more may be used

if desired. The bottom edges of both cups have a rim of india rubber or other suitable elastic material, E, connected to them, and the inner cup, D, is perforated so as to afford
40 a communication between the two cups.

The objection to the cups now used is, that the edge even when well padded will be sunk or pressed into the body when a vacuum is produced within it, and the
45 patient is subjected to considerable pain thereby. By my improvement I obtain a greater bearing surface against the body and the cups will not be pressed into the body so as to form the deep ridge or annular
50 cavity now occasioned by the ordinary cups.

The above implement is designed to be used in all cases where cups are employed, whether for breast pumps, artificial leaches, or for ordinary cupping apparatus, but
55 more particularly for dry cupping upon almost any amount of surface, thereby controlling and interrupting diseased action, as before set forth.

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

Constructing the cup, B, with one or more smaller cups D, fitted and secured within it and provided with perforated sides, substantially as described for the purpose specified.
65

SHERMAN McLEAN.

Witnesses:

J. F. BUCKLEY,
W. TUSCH.