No. 851,782. PATENTED APR. 30, 1907.

J. SOSS.

TOY.

APPLICATION FILED AUG. 25, 1906.

Fig: 1.

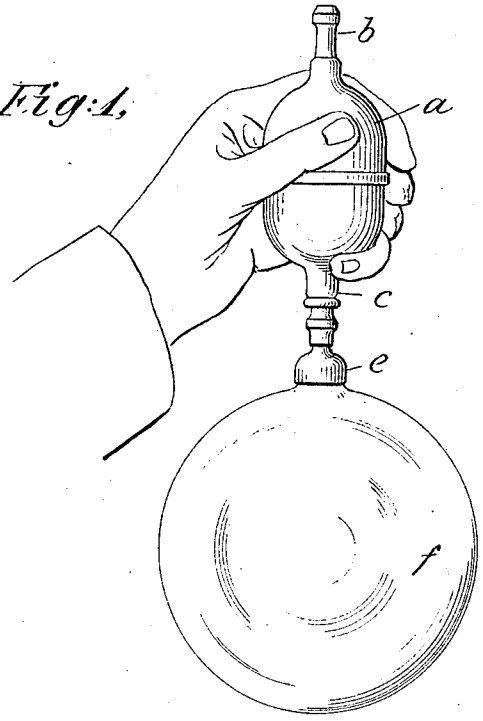
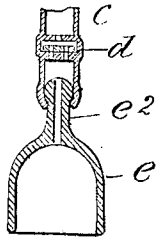


Fig: 2.



WITNESSES

Ernest Hagin

F. A. Stewart.

INVENTOR

Joseph Soss,

BY Edgar Tate & Co.

ATTORNEYS.

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOSEPH SOSS, OF NEW YORK, N. Y.

TOY.

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Application filed August 25, 1906. Serial No. 331,953.

To all whom it may concern:

Be it known that I, JOSEPH SOSS, a citizen of the United States, and residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Toys, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to toys, and the object thereof is to provide an improved device of this class particularly designed for making soap bubbles, and with this object in view the invention consists in a device of the class specified constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which;—

Figure 1 is a side view of my improved soap bubble making device and showing the method of its operation; Fig. 2 a sectional detail thereof.

In the practice of my invention I provide an ordinary compressible or what is known as a Davidson bulb *a* provided at one end with an air inlet *b* and at the opposite end with an air outlet *c*, and in practice the air inlet *b* is provided with an inlet valve in the usual manner, but said valve being no part of this invention is not shown. The air outlet *c* is provided with an outlet valve *d* of the usual or any preferred construction, and in the practice of my invention I connect with the air outlet *c* a cup-shaped device *e* having a neck or nozzle e^2 adapted to be inserted into the end of the air outlet *c*.

It will be understood that the entire device with the exception of the cup-shaped attachment *e* and valves in the inlet and outlet *b* and *c* is made of soft rubber in the manner of other devices of this class, and in practice the neck or nozzle e^2 of the cup-shaped attachment *e* may be connected with the outlet *c* in any desired manner.

In the use of this device for the purpose of making soap bubbles the necessary solution of soap and water is provided and the cup-shaped attachment *e* is dipped thereinto after which said attachment is raised out of the water and the bulb *a* gently compressed and relaxed, this operation being repeated any desired number of times. This operation, as will be understood, forces air into the attachment *e* and the bubble *f* is gradually formed, and when fully developed will be detached in the same manner as bubbles are detached from the ordinary tube or pipe usually employed for the purpose of making soap bubbles. The soap solution may be made in the usual manner, and in this way soap bubbles may be quickly and easily made or formed by means of the hand only, and the necessity of blowing through a pipe stem or tube is avoided.

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

1. A device of the class specified, comprising a compressible bulb provided at one end with an air inlet and at the outer end with an air outlet, and a cup-shaped attachment connected with the outlet end of the bulb.

2. A device of the class specified, comprising a compressible bulb provided at one end with an air inlet and at the outer end with an air outlet, and a cup-shaped attachment connected with the outlet end of the bulb, the outlet end of the bulb being also provided with a valve which opens outwardly.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 24th day of August 1906.

JOSEPH SOSS.

Witnesses:
F. A. STEWART,
C. J. KLEIN.