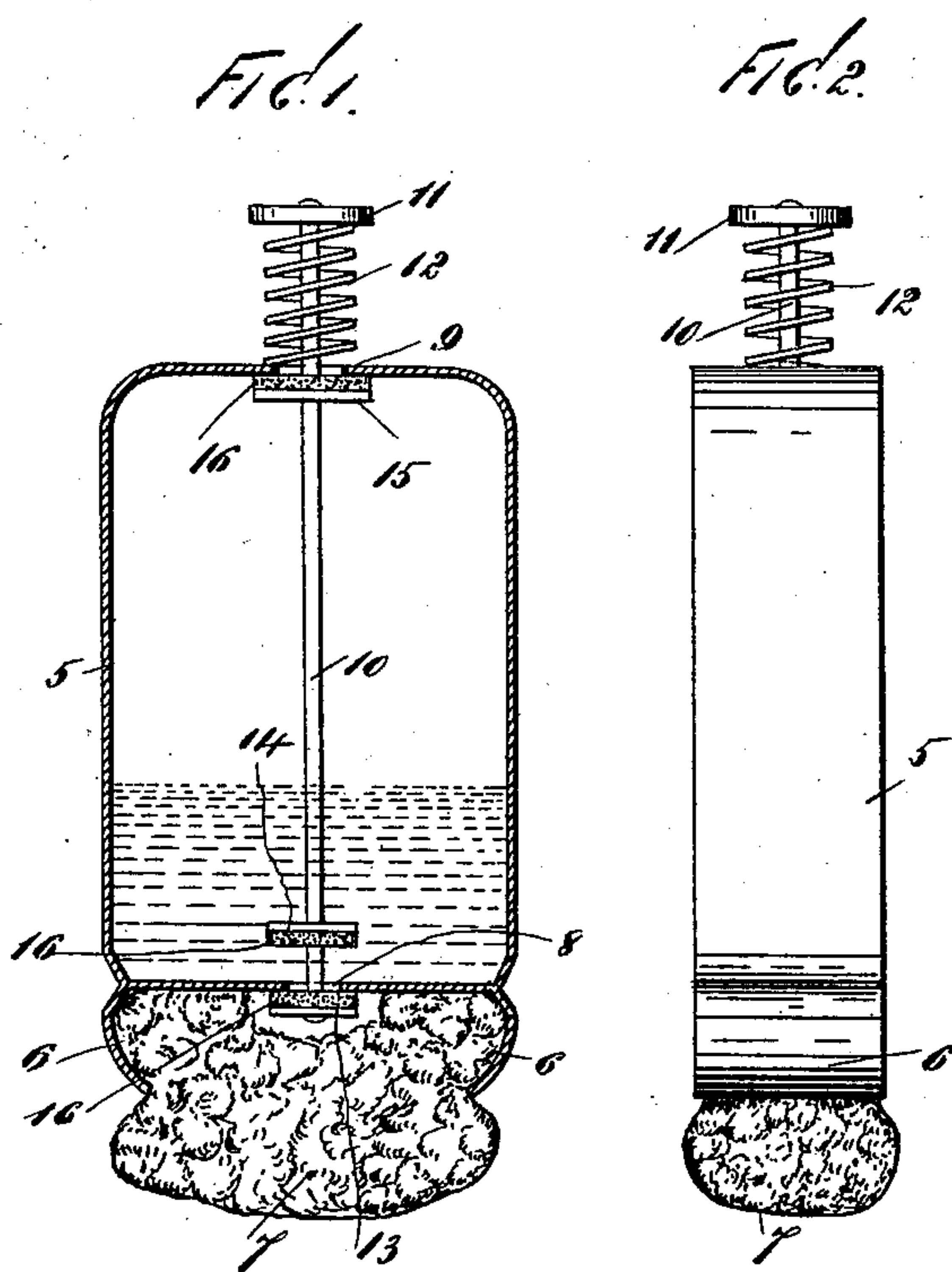


(No Model.)

J. G. SCHWEINFURTH.
DEVICE FOR CLEANING SLATES.

No. 591,503.

Patented Oct. 12, 1897.



WITNESSES:

John Buckler,
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INVENTOR

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UNITED STATES PATENT OFFICE.

JOHN GEORGE SCHWEINFURTH, OF BIRMINGHAM, ALABAMA.

DEVICE FOR CLEANING SLATES.

SPECIFICATION forming part of Letters Patent No. 591,503, dated October 12, 1897.

Application filed May 6, 1897. Serial No. 635,372. (No model.)

To all whom it may concern:

Be it known that I, JOHN GEORGE SCHWEINFURTH, a citizen of the United States, residing at Birmingham, in the county of Jefferson and State of Alabama, have invented new and useful Improvements in Devices for Cleaning Slates, of which the following is a full and complete specification, such as will enable those skilled in the art to which it ap-
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pertains to make and use the same.
This invention relates to devices for cleaning slates and other articles; and the object thereof is to provide an improved device of this class which is simple in construction and
15 operation and also comparatively inexpensive.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

20 Figure 1 is a central vertical section of my improvement, and Fig. 2 a side view thereof.

In the drawings forming part of this specification the separate parts of my improvement are designated by the same numerals
25 of reference in each of the views, and in the practice of my invention I provide a device of the class herein specified which consists of a casing 5, which is preferably of the form shown in the drawings, said casing being flat
30 and oblong in form and preferably rectangular in cross-section. The casing 5, however, may be of any desired shape, and one end thereof is provided with spring clamps or jaws 6, which are adapted to hold a sponge
35 or similar device 7, and the end of said casing with which the clamps or jaws 6 are connected is provided with a central port or passage 8, and the opposite end of said casing is also provided with a similar port or passage
40 9, and passing through said ports or passages 8 and 9 is a valve-rod 10, which is provided with a disk, plate, or head 11, between which and the end of the casing 5, in which the port or passage 9 is formed, is mounted a spiral
45 spring 12.

The valve-rod 10 passes through both ends of said casing 5, and the end of said rod opposite that on which the spring 12 is mounted is provided with a valve 13, and mounted on
50 said rod within the casing 5 and at a short distance from the valve 13 is a supplemental

valve 14, and the rod 10 is also provided within the casing 5 and adjacent to the end of the casing in which the port or passage 9 is formed with another valve 15.

The valves 13, 14, and 15 are provided with soft packings or facings 16, and the casing 5 is adapted to be filled with water through the port or passage 9, or in any desired manner, and in the normal position of the rod 10 the
55
60 ports or passages 8 and 9 are closed by the valves 13 and 15 and the water cannot pass out of said casing, and whenever it is desired to wet the sponge 7 the valve-rod 10 is depressed and the water flows through the port
65 or passage 8 into said sponge.

The valve 14 is intended to limit the movement of the rod 10 when said rod is depressed against the operation of the spring 12 and to also close the port or passage 8, and when the
70 said valve-rod 10 is operated as described enough water will pass through the port or passage 8 before the valve 14 is seated to saturate the sponge, or said valve-rod may be so operated as to open the port or passage
75 8 for any desired length of time.

This device is simple in construction and operation and perfectly adapted to accomplish the result for which it is intended, and it will be apparent that changes in and modi-
80 fications of the construction herein described may be made without departing from the spirit of my invention or sacrificing its advantages.

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

A device for cleaning slates or other articles, consisting of a casing which is provided with ports or passages at both ends, means
90 for connecting a sponge or similar article with one end thereof, a spring-operated valve-rod passing longitudinally through said casing, and through said ports or passages at each
95 end thereof, that end of said rod which passes through the end of the casing with which the sponge is connected, being provided with a valve which is mounted thereon outside of said casing, and said rod being also provided
100 with a valve which is mounted thereon adjacent to the opposite end of said casing, and inside thereof, said valves being adapted to

close said ports or passages in each end of
said casing, and said rod being also provided
within said casing and adjacent to the end
thereof with which the sponge is connected,
5 with a supplemental valve, substantially as
shown and described.

In testimony that I claim the foregoing as

my invention I have signed my name, in pres-
ence of the subscribing witnesses, this 1st
day of May, 1897.

JOHN GEORGE SCHWEINFURTH.

Witnesses:

T. S. MARSTON,

H. V. TARRANT.