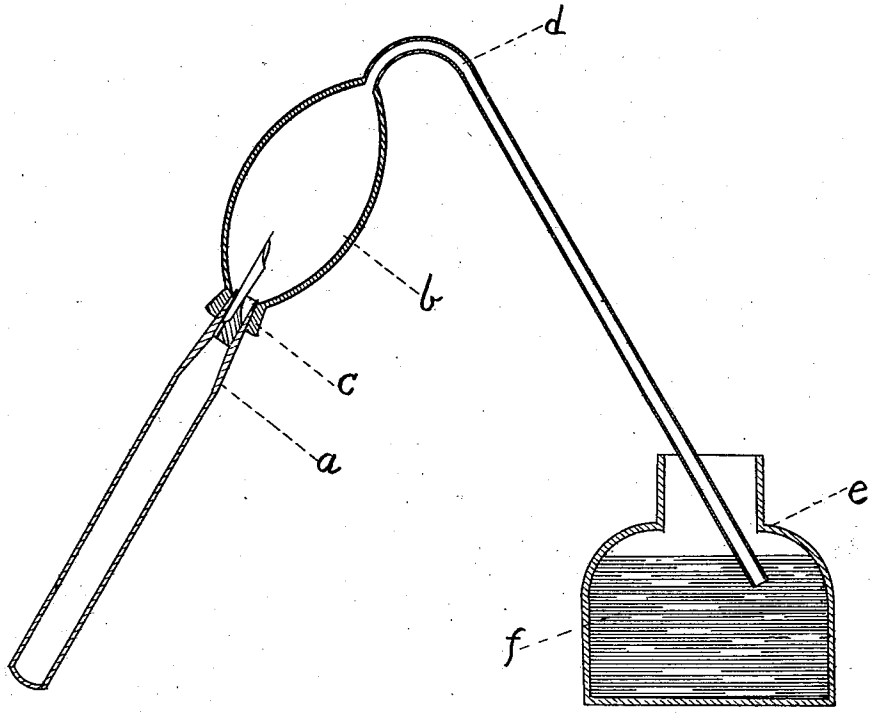
No. 756,076. PATENTED MAR. 29, 1904.

H. TAYLOR.

FOUNTAIN PEN FILLING DEVICE.

APPLICATION FILED APR. 27, 1903.

NO MODEL.



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No. 756,076. Patented March 29, 1904.

UNITED STATES PATENT OFFICE.

HUSTON TAYLOR, OF ST. PAUL, MINNESOTA.

FOUNTAIN-PEN-FILLING DEVICE.

SPECIFICATION forming part of Letters Patent No. 756,076, dated March 29, 1904.

Application filed April 27, 1903. Serial No. 154,423. (No model.)

To all whom it may concern:

Be it known that I, HUSTON TAYLOR, of St. Paul, in the county of Ramsey and State of Minnesota, have invented a new and useful Improvement in Fountain-Pen-Filling Devices; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing and to letters of reference marked thereon.

The nature of my invention consists in providing a fountain-pen-filling device adapted to be used with an ordinary ink-bottle and to fill a fountain-penholder by forcing the ink through the feeder at the nib end into the reservoir of a fountain-penholder that is particularly adapted to fountain-penholders that are made without any other aperture except that through the feeder at the nib end—that is, without a joint in the barrel of the holder.

The accompanying drawing represents a fountain-pen-filling device with a pen inserted in the nipple of a syringe-bulb, with the tube on the other end of the syringe-bulb inserted in a vessel containing ink.

The figure in the accompanying drawing represents a fountain-penholder *a*, a syringe-bulb *b* open at one end, with a nipple *c*, and having another opening in the bulb-syringe connecting with the tube *d*, which latter tube is inserted into ink *f*, contained in an ordinary ink-receptacle *e*.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct a rubber bulb-syringe *b*, having a nipple *c*, adapted to inclose and securely engage the nib end of a fountain-penholder containing a fountain-pen and having another orifice in the bulb secured to one end of a tube *d*, that is open at the other end.

a is the nib end of a fountain-penholder containing the pen.

b is a bulb-syringe.

c is a nipple on the bulb that securely engages the nib end of a fountain-penholder.

d is a tube attached to the bulb *b*, with an open connection into said bulb.

e is an ordinary ink-bottle. *f* is ink therein.

To operate my invention, the end of the fountain-penholder containing the nib is forced into the nipple *c* of the syringe-bulb *b*, and the tube *d* is loosely inserted into the ink *f*, contained in the ink-receptacle *e*. Pressure is then applied to the bulb by squeezing the same with the hand. The pressure is then relaxed, when the elasticity of the bulb will restore it to its normal shape and ink will be drawn from the ink-receptacle *e* through the tube *d* into the bulb *b*. The connecting aperture between the bulb *b* and the tube *d* is then closed by a firm pressure of the thumb and finger on the outside of the bulb connection, so as to prevent the ink from the bulb running back into the ink-receptacle. While it is so held, pressure and relaxation of the fingers with the other hand is applied to the bulb *b*, when the ink contained therein is gently forced through the nib end of the fountain-penholder into the barrel of the holder. The pen is then withdrawn and is ready for use.

The fountain-pen-filling device will operate with the ordinary fountain-penholders in use at the present time; but with this fountain-pen-filling device it is not necessary to unscrew the head of the barrel of the fountain-penholder, and it will act equally as well with a fountain-penholder having no joint or other opening except that through the nib end, where the pen is fed from the reservoir.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A fountain-pen-filling device consisting of a bulb-syringe having one nipple-orifice adapted to engage the nib end of a fountain-penholder, and having another orifice in the bulb, a tube securely connected therewith and which tube is adapted to be inserted in the neck of an ordinary ink-bottle, substantially as described.

2. As a new article of manufacture, a fountain-pen-filling device consisting of a bulb-syringe having two open orifices, one of which is a nipple adapted to embrace and engage the nib end of a fountain-penholder, the other end being an open tube forming a part of the bulb-syringe and a prolongation thereof, which tube is open at the loose end and

is adapted to be inserted in the open neck of an ordinary ink-bottle, substantially as described.

3. In a fountain-pen-filling device, the combination of a bulb-syringe having a nipple-orifice adapted to engage the nib end of a fountain-penholder, and an open tube having one end thereof securely connected with another orifice in the bulb-syringe, the other end of the tube being adapted to be inserted in the neck of an ordinary ink-bottle, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HUSTON TAYLOR.

Witnesses:
ROBERT JOHN MCLENAHAN,
HERMAN HENRY TAYLOR.