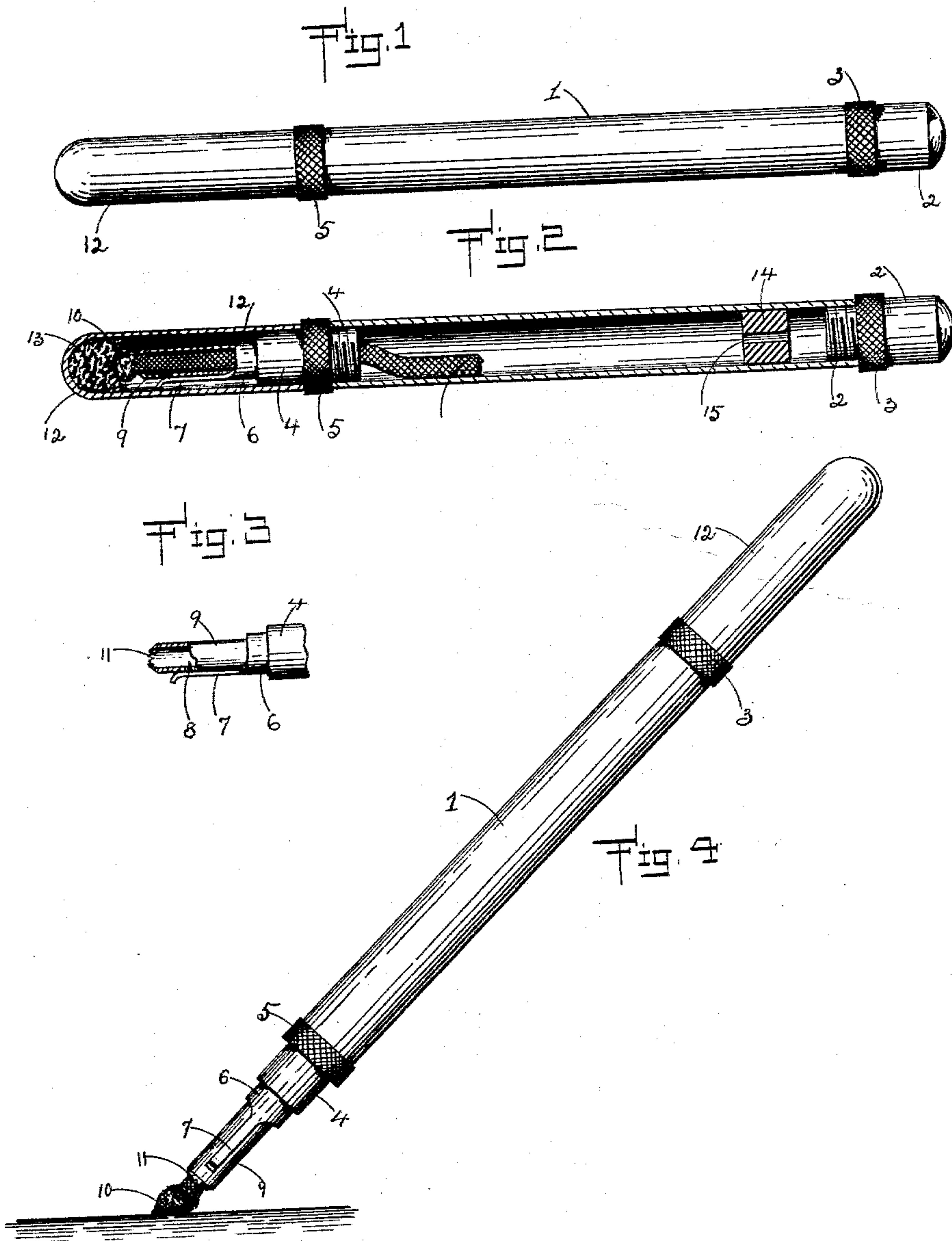


(No Model.)

J. H. WIEHL.  
POCKET MUCILAGE RESERVOIR.

No. 596,951.

Patented Jan. 4, 1898.



Witnesses:  
*W. F. Maxwell*

Inventor  
*Joseph H. Wiehl*  
By *O. D. Lewis*

Att'y



# UNITED STATES PATENT OFFICE.

JOSEPH HYSON WIEHL, OF ZELIENOPLE, PENNSYLVANIA, ASSIGNOR OF  
ONE-THIRD TO WM. M. C. JONES, OF PITTSBURG, PENNSYLVANIA.

## POCKET MUCILAGE-RESERVOIR.

SPECIFICATION forming part of Letters Patent No. 596,951, dated January 4, 1898.

Application filed April 21, 1897. Serial No. 633,099. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH HYSON WIEHL, a citizen of the United States of America, residing at Zeliénople, in the county of Butler and State of Pennsylvania, have invented certain new and useful Improvements in Pocket Mucilage-Reservoirs, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in a pocket mucilage-reservoir.

The object of the invention is to provide a useful and convenient pocket device for carrying and applying mucilage or other liquid adhesive substances. To attain this object, I construct a pocket device somewhat after the form of a fountain-pen and capable of holding a sufficient quantity of liquid adhesive substance to last an indefinite period without refilling.

Other new and novel features in connection with the device will be hereinafter specifically pointed out in detail.

25 With the above objects in view the invention finally consists in the novel construction, combination, and arrangement of parts, as will be fully shown and described.

30 In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a horizontal side view of my improved pocket mucilage-reservoir and as it would appear when closed and not in use. Fig. 2 is also a horizontal side view of the same, partly shown in section to show the interior working parts. Fig. 3 is a horizontal side view of a portion of the device broken away and partly shown in section. Fig. 4 is a view showing the manner in which the device is used.

Referring to the drawings, the numeral 1 designates the reservoir for holding the liquid adhesive substance, and consists of a tube of hard rubber or any other suitable material, such as metal, &c. Fitted tightly into the upper end of the said tube is the screw-plug 2, having the milled shouldered portion 3 formed thereon. Fitted tightly within the opposite end of the said tube and in a similar manner

is the sleeve 4, having the milled shouldered portion 5 formed thereon, as shown.

The numeral 6 designates a thin metal tube which is tightly fitted into the said sleeve 4 and has formed upon its outer end the extended piece or spring 7, with the inwardly-pointed pin 8 either formed or secured thereto, as shown, and is adapted to engage with the wick and prevent the latter from slipping inwardly. A suitable metal tube 9 for holding the wick 10 is fitted tightly into the said tube 6 and has formed upon its outer end the teeth 11, which are slightly turned inwardly and engage with the wick. The cap 12, which incloses the working parts of the device and which fits over the shouldered portion of the sleeve 4, has suitably secured to its inner end the sponge or other absorbing material 13, which is adapted to engage with the end of the wick and be saturated with water for the purpose of preventing the liquid adhesive material from becoming hard or gummed up upon the end of the wick. Loosely fitted with the reservoir is the mixing-plunger 14, which is formed of a suitable non-corrosive metal of some weight and having the opening 15 formed therein. The object of the said plunger is that when the reservoir is filled with the liquid and inverted for use the plunger will fall or slide downward, thereby pumping or slightly forcing the liquid to feed freely into the wick, and during the fall of the plunger the liquid within the reservoir will be displaced and caused to flow upward through the opening 15 of the plunger, thereby thoroughly mixing the liquid, and when the device is again turned right side up the plunger will again resume its normal position and, as before, cause the liquid to be displaced or mixed.

In preparing the device for use the mucilage or other adhesive liquid is thinned down to the desired degree and the sleeve 4 unscrewed. The liquid is then forced into the reservoir by means of a suitable syringe and the sleeve replaced, and after giving the wick time to absorb the liquid it is ready for use, or the same may be hastened by shaking to cause the plunger to operate alternately from one end of the reservoir to the other. Should the wick need to be drawn out to increase the



working surface upon the end, the finger-nail is inserted beneath the end of the spring 7, and by a slight pressure the spring may be forced away from the tube, causing the small projecting point 8 to disengage with the wick. The wick is then drawn out to the desired distance and the spring released.

In constructing the device any suitable material may be used, and for the wick various substances may be used with equal success, such as substituting a hair brush for the wick. Therefore various changes may be made in the detail parts of my invention without departing from the general spirit of the same.

Having thus fully shown and described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A pocket mucilage-holder consisting of the tubular reservoir provided at one end with a plug having a shouldered portion, the other end being provided with a cap, a plunger within said reservoir, a sleeve, provided with a shoulder, located within the reservoir having a tube 6 provided with a spring attached

thereto, and a tube adapted to receive a suitable wick secured to said tube 6, substantially as described.

2. A pocket mucilage-holder comprising the tubular reservoir provided at one end with a screw-plug having a milled shouldered portion, the other end being provided with a cap, a plunger loosely located within said reservoir provided with a central opening, a sleeve fitting tightly within said reservoir provided with a shouldered portion having a tube 6 securely attached thereto, said tube being provided with an extended piece or spring provided with inwardly-pointed pins, and a tube adapted to receive a suitable wick securely attached to said tube 6, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JOS. HYSON WIEHL.

Witnesses:

LOUIS A. McDONALD,  
C. F. SHAFFER.