

No. 750,928.

PATENTED FEB. 2, 1904.

I. C. WOODWARD.
COMBINED INK WELL AND PEN WIPER.

APPLICATION FILED JULY 31, 1902.

NO MODEL.

Fig. 1.

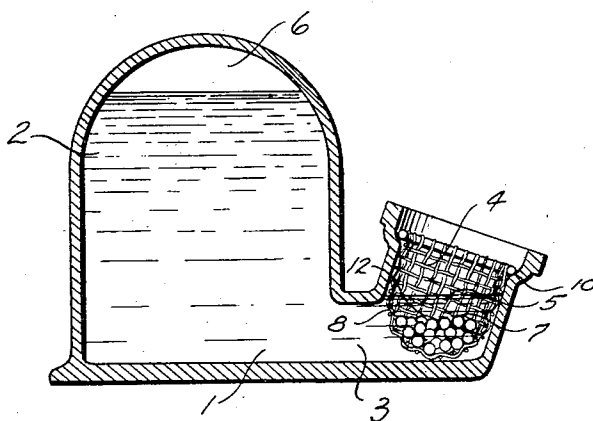
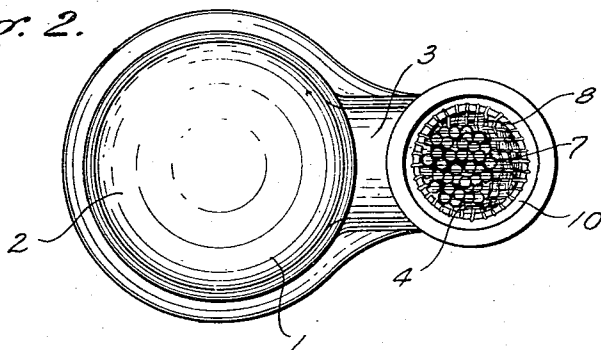


Fig. 2.



Witnesses:

*Rudow Rummel
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by Rummel & Rummel,
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UNITED STATES PATENT OFFICE.

IRVING C. WOODWARD, OF CHICAGO, ILLINOIS.

COMBINED INK-WELL AND PEN-WIPER.

SPECIFICATION forming part of Letters Patent No. 750,928, dated February 2, 1904:

Application filed July 31, 1902. Serial No. 117,789. (No model.)

To all whom it may concern:

Be it known that I, IRVING C. WOODWARD, a citizen of the United States of America, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in a Combined Ink-Well and Pen-Wiper, of which the following is a specification.

The main object of my invention is to provide an improved form of combined ink-well and pen-wiper whereby a pen may be cleaned and inked by the operation of dipping same. I accomplish this object by the construction shown in the accompanying drawings, in which—

Figure 1 is a longitudinal section of a fountain ink-well and a pen-wiper constructed according to my invention. Fig. 2 is a top plan of same.

The device shown consists of an ink-receptacle 1, comprising an enlarged chamber 2, connected, by means of the contracted neck 3, to a smaller compartment 4, which is open at the top. As is usual in devices of this class, the main part of the ink is stored in the chamber 2 and is retained therein by the air-pressure on the exposed surface 5 on account of a partial vacuum formed in the upper part 6 of the chamber 2. By this construction the surface 5 of the ink is maintained at substantially a constant level. A pen-wiper 7, consisting, preferably, of a wire basket 8, containing a plurality of small pieces or balls of non-corrosive material, is seated in the compartment 4 and preferably extends to a point 12 a little below the liquid-level 5. The compartment 4 is preferably enlarged near its open end to form a shoulder 10, which serves as a support for the flared upper rim of the basket 8. The basket 8 holds the balls together to form a permeable mass, into which a pen may be pushed during the process of dipping same.

In operation the various parts are assembled as shown in the drawings. There is sufficient depth of ink above the top 12 of the pen-wiper, so that a pen may be inked by dipping in the usual way. When ink has partly dried

upon the pen or when dust has accumulated thereon, it is only necessary to dip the pen a little deeper into the well to clean same. The balls serve to brush off the foreign matter, and the pen gathers sufficient ink while passing between the top 12 of the pen-wiper 7 and the liquid-surface 5.

It will be seen that various details of the construction shown may be altered without departing from the spirit of my invention. I therefore do not confine myself to such details except as hereinafter limited in the claims.

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

1. As an article of manufacture, an ink-well having an opening through which a pen may be dipped and having seated inward of the opening a plurality of balls of non-corrosive material adapted to brush against opposite sides of the pen, substantially as and for the purpose specified.

2. As an article of manufacture, an ink-well having an opening through which a pen may be dipped, and a basket seated within said ink-well and below said opening, said basket having openings in its walls and containing a plurality of pieces of material adapted to clean the pen when same is dipped into the ink, substantially as described.

3. As an article of manufacture, an ink-well having an opening through which a pen may be dipped; a storage-compartment arranged for maintaining the surface of the ink at substantially constant level below said opening; a pen-wiper located so as to be submerged in the ink and secured below said opening in such position that a pen inserted into said pen-wiper will receive ink during and after its withdrawal from the pen-wiper, substantially as described.

Signed at Chicago this 28th day of July, 1902.

IRVING C. WOODWARD.

Witnesses:

EUGENE A. RUMMLER,
RUDOW RUMMLER.