

No. 659,155.

Patented Oct. 2, 1900.

G. H. NEHF.
INKSTAND.

(Application filed Jan. 20, 1900.)

(No Model.)

Fig. 1.

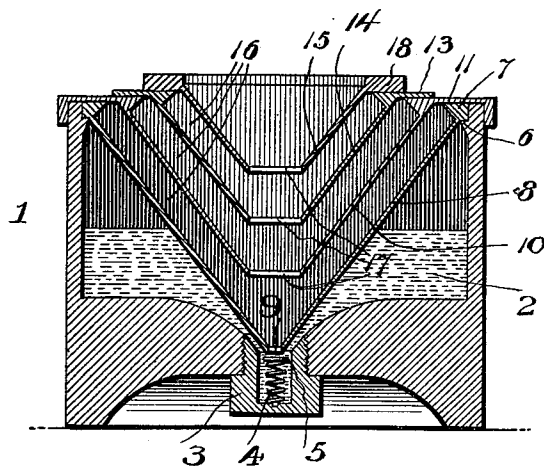


Fig. 2.

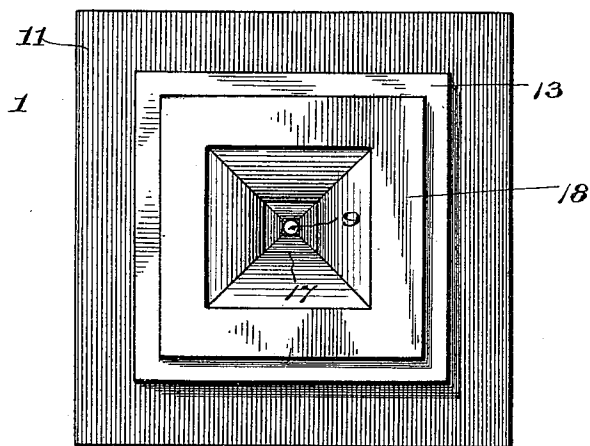
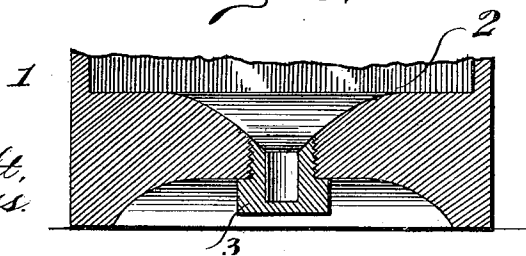


Fig. 3.



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UNITED STATES PATENT OFFICE.

GEORGE H. NEHF, OF TACOMA, WASHINGTON.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 659,155, dated October 2, 1900.

Application filed January 20, 1900. Serial No. 2,228. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. NEHF, a citizen of the United States, residing at Tacoma, in the county of Pierce and State of Washington, have invented certain new and useful Improvements in Inkstands; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in inkstands, and particularly to that class of inkstands which are non-spillable.

The invention consists in an ink-well provided with a screw-threaded aperture in its bottom, a plug or stopper adapted to be inserted in said aperture, a spring-actuated valve mounted in said plug or stopper, and a series of funnels mounted one above the other upon said ink-well, the construction being such that a passage will be formed between the lower ends of the funnels for the insertion of a pen, and sufficient ink may be admitted into the space between the lower funnels to serve the purpose of the writer; but should the inkstand be accidentally upset no ink will be allowed to escape therefrom.

In the accompanying drawings, Figure 1 is a vertical longitudinal section through my improved inkstand, and Fig. 2 is a top plan view of the same. Fig. 3 is a detail sectional view of the lower portion of the ink-well, showing a slightly-modified form of stopper.

1 in the drawings represents my improved inkstand, which may be square, as shown, or of any desirable shape and may be constructed of glass or other suitable material. The said inkstand is provided with an ink well or receptacle, as 2, the bottom of which may be formed with a conical depression, as shown in the drawings, or may be square or of other shape, the said bottom having a screw-threaded aperture in its center. A screw-threaded stopper or plug, as 3, is adapted to be inserted in the screw-threaded aperture, and mounted in said stopper is a spring-actuated valve comprising a coiled spring 4, secured at its lower end to the said stopper, and a plate or disk 5, mounted upon the upper end of said spring. It will be seen that by removing the plug or stopper ink may be inserted into the ink-well or the ink therein removed. The

walls of the ink-well are provided near their upper edges with an annular shoulder or ledge 6. Mounted upon the said shoulders and braced against the side walls of the ink-well is the peripheral flange 7 of a funnel 8, said funnel extending down to within a very short distance of the spring-actuated valve mounted in the stopper 4 and the aperture 9 in the lower end thereof being practically closed by the said spring-actuated valve. Another funnel, as 10, having a peripheral flange, as 11, at its upper ends, is supported upon the peripheral flange 7 of the funnel 8, the peripheral flange 11 extending over the sides of the inkstand. The peripheral flange 11 supports the peripheral flange 13 of another funnel 14, and a funnel 15 is supported in the same manner above the funnel 14. The funnels are so mounted and spaced apart by their peripheral flanges as to form recesses, as 16, between each one, which recesses extend the full length of the funnels. The funnels are constructed to conform to the shape of the inkstand and vary in length, the lowest one being the longest and the top one the shortest. The funnels 10, 14, and 15 are formed with apertures, as 17, in their lower ends to permit of the ready insertion of a pen, and the funnel 8 is also provided with an aperture in its lower end, as hereinbefore stated. A suitable cover may be placed upon the peripheral flange 18 of the top funnel 15. It will be seen that by this construction ink may be inserted in the ink-well by removing the stopper in the bottom thereof, and when it is desired to obtain ink for writing purposes it is only necessary to press down the spring-actuated valve with the point of the pen, by which action ink will be admitted into the space or recess between the two lower funnels, and the pen can readily reach the ink through the apertures formed in the lower ends of the funnels. It will also be apparent that the amount of ink admitted into the space or recess between the two lower funnels can be regulated to suit the writer. Should the inkstand be accidentally upset, the ink will flow into the upper ends of the recesses 16 and none will escape through the apertures in the lower ends of the funnels onto the table or desk upon which the inkstand may be placed.

My inkstand is simple in construction, yet effective in operation, and by my arrangement of funnels I have secured an inkstand which by repeated experiments has proven absolutely non-spillable.

It will be apparent, as shown in Fig. 3, that the plug or stopper may be constructed without the spring-actuated valve without departing from the spirit of my invention. In this form the ink would fill the aperture in the plug or stopper, and the pen could be dipped right into the same. Should the inkstand be upset, the ink would run into the recesses 16, as in the other form.

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

1. An inkstand comprising in its construction an ink-well, having an aperture in its bottom, a plug or stopper adapted to be inserted in said aperture, a spring-actuated valve mounted in said stopper, and a series of

funnels mounted one upon the other, the lowest funnel being supported by the side walls of the ink-well, substantially as described.

2. An inkstand comprising in its construction an ink-well formed with a screw-threaded aperture in its bottom, a plug or stopper adapted to close said aperture, a spring-actuated valve mounted in said stopper, an annular shoulder or ledge formed on the side walls of the said inkstand, a funnel having a peripheral flange at its upper end adapted to be supported on said annular shoulder or ledge, and a series of funnels supported by said peripheral flange and adapted to support one another, substantially as described.

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

GEORGE H. NEHF.

Witnesses:

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