

(No Model.)

G. V. WOOD & W. L. GALLOWAY.

INKSTAND.

Patented Aug. 29, 1882.

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UNITED STATES PATENT OFFICE.

GEORGE V. WOOD AND WALTER L. GALLOWAY, OF SMITHVILLE, VIRGINIA.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 263,449, dated August 29, 1882.

Application filed May 4, 1882. (No model.)

To all whom it may concern:

Be it known that we, GEORGE V. WOOD and WALTER L. GALLOWAY, citizens of the United States, residing at Smithville, in the county of Charlotte and State of Virginia, have invented certain new and useful Improvements in Inkstands; and we 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Our invention relates to that class of inkstands which are made with a valve for automatically closing the orifice when the pen is withdrawn; and it consists in an improved construction of a weighted valve, as will hereinafter be more fully described.

It also consists in an improvement in the construction and arrangement of a gage-platform for regulating the depth to which the pen can enter.

Figure 1 is a perspective view of an inkstand embodying our invention, and Fig. 2 is a vertical section of the same.

The body A of the inkstand is preferably made with a side opening, *a*, for filling, closed by a stopper, and it has a central opening, into which fits the neck of the metallic top piece, B. This top piece may screw into the body, or be attached to it by means of two pins on the sides of the neck, which pass through the notches *a'*, and then a quarter-turn of the top locks it to the body.

C is the valve which closes the pen-opening, both being preferably rectangular in shape, and it is mounted on the axle D, secured to one end of the valve. The ends of the axle D pass through the sides of the top piece and carry at either end the balance-wheels E E'. These balance-wheels are weighted on one side—the side opposite from the valve C—and we prefer to make them, as shown, with one quadrant solid, the lower back quadrant bounded by vertical and horizontal planes drawn through the center of the wheels when the valve is in a closed position, the rest of the wheels being open. The balance-wheels, axle, and valve are all rigidly attached to each other; but the construction of the balance-wheels above described permits a very delicate adjustment of the wheels and valve by

twisting the wheels on the axle and bringing the center of gravity of the wheels nearer to the vertical plane of the axle, so that a very slight pressure upon the valve will open it, and this can be done without destroying the neat and symmetrical appearance of the inkstand.

The gage-platform F is adjustably supported beneath the pen-orifice by the screw-rod G, which passes up through the top and is provided with the milled head H. This platform is rigidly attached to its rod, and the body of the inkstand is of a sufficient diameter to allow it room to rotate in when the rod is turned to adjust it; also to allow it to be turned aside, as shown by the dotted lines, Fig. 2. This is done when the ink gets low in the inkstand. The bottom of the stand has a depression or well, J, in order that all the ink can be used. The screw-head H has a notch or pointer, *b*, on one side, which indicates the position of the platform, the same being under the orifice when the notch or pointer is toward the orifice and out of the way when it points away from the orifice.

We are aware that the use of a balanced valve or trap-door for the orifice of an inkstand is not new, the same having been used with a rearwardly-extending weight, and we do not claim the idea, broadly; also, that a gage-platform vertically adjustable has been used before; but the construction and arrangement of parts herein described makes an inkstand simple in construction, convenient in operation, and neat and attractive in appearance.

What we claim as new is—

1. In an inkstand having a valve for closing the orifice, the valve-plate C, in combination with the shaft D and weighted balance-wheels E E', as described, and for the purpose set forth.

2. In an inkstand, the adjustable platform F, having a screw-rod, G, to which it is rigidly attached, and a milled head, H, provided with an index or pointer, *b*, as and for the purpose set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

GEORGE V. WOOD.

WALTER L. GALLOWAY.

Witnesses:

WM. T. FARIS,

C. H. GIBBS.