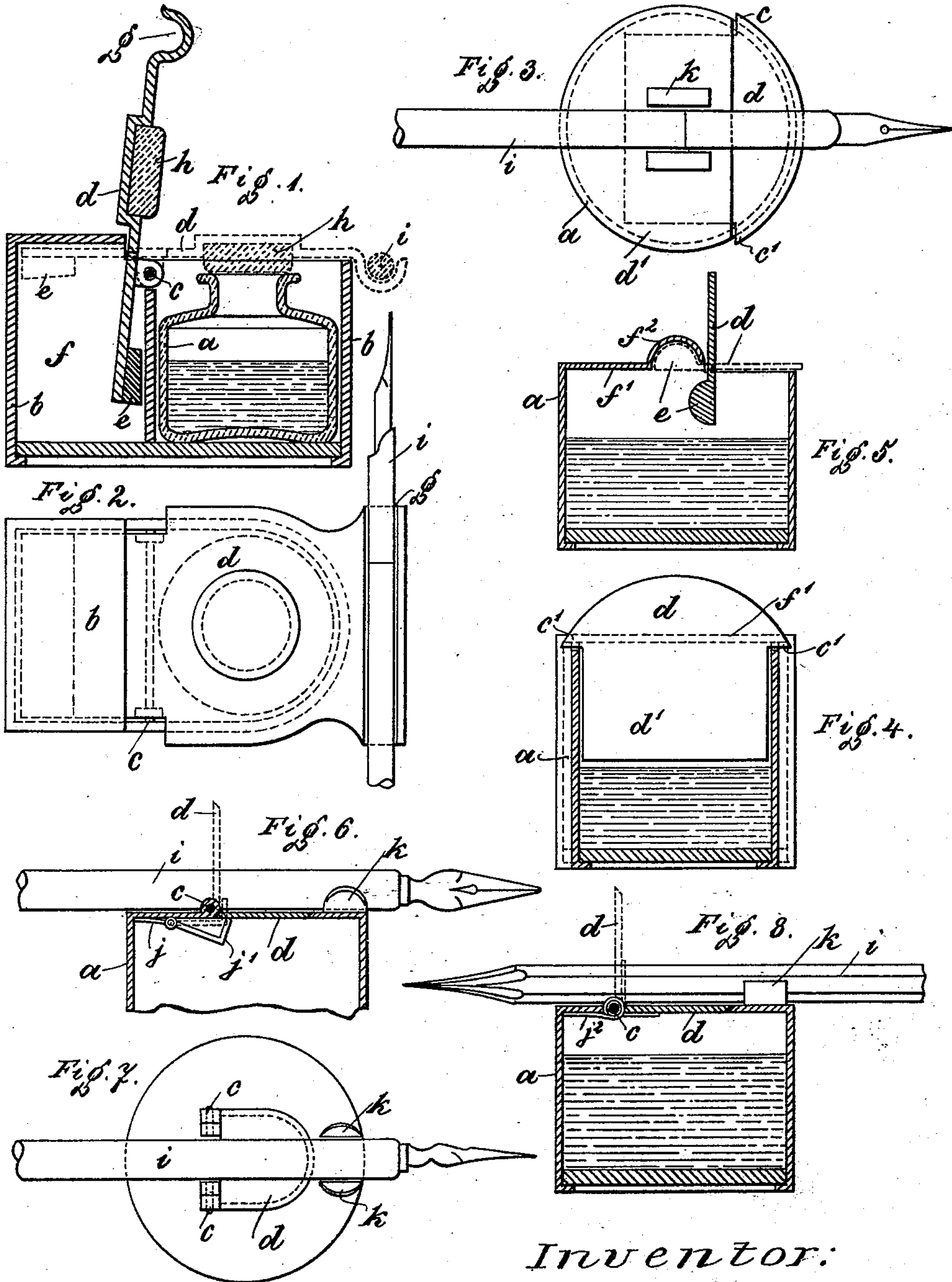


(No Model.)

M. FAUST.
INKSTAND.

No. 485,375.

Patented Nov. 1, 1892.



Witnesses:

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UNITED STATES PATENT OFFICE.

MATTHEW FAUST, OF MUNICH, GERMANY.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 485,375, dated November 1, 1892.

Application filed August 8, 1892. Serial No. 442,486. (No model.)

To all whom it may concern:

Be it known that I, MATTHEW FAUST, a subject of the King of Bavaria, residing at Munich, Bavaria, Germany, have invented certain new and useful Improvements in Inkstands, of which the following is a specification.

The object of this invention is to provide an inkstand with a cover adapted to be closed by the laying on of a penholder or anything similar and which opens again automatically when the same has been removed.

The accompanying drawings show, for illustration, different systems to which this principle may be applied and the way in which they work.

Figure 1 is a central vertical section through the inkstand having my improved cover. Fig. 2 is a plan view of the same. Fig. 3 is a plan view, and Fig. 4 a sectional view, of another form. Fig. 5 is a vertical sectional view of still another form. Fig. 6 is a sectional view of a part of a modified form of stand, and Fig. 7 a plan view of the same. Fig. 8 represents in section a further modification.

In Fig. 1 the stand comprises an outer casing *b*, adapted to contain the ink-holding vessel *a*. A cover *d*, which moves on an axle *c* and which forms a lever, is arranged to close the vessel *a*. The shorter arm of the same is influenced by a weight *e* or by a spring in order to keep the cover always in the open position. This part of the cover, together with the weight, &c., is located in a space *f*, which is closed from all sides, so that the weight and lever-arm are not visible from the outside. On the fore part of this cover there is a groove *g*, made to receive a penholder or a similar writing device. The opening *a* of the ink-holding vessel becomes closed by the means of a rubber disk attached to the cover when the latter is lowered. The force of the weight or spring upon the shorter arm of the cover is calculated, so that the least burdening of the groove *g* by a penholder, a lead-pencil, or a similar article will bring the cover in the dotted position in order to keep the inkstand closed; but when the pencil *i* is taken away the weight will exert its force again and the cover will open automatically.

Figs. 3 and 4 show an ink-holding vessel *a*, in which the cover *d* forms a continuation of the top plate or main cover portion *f'*. In this case the longer arm *d'* of the lever-cover possesses in itself weight enough to keep the cover open, while the shorter arm forms the actual cover. The inkstand is provided with a fixed cover *f'* up to the opening corresponding with the smaller part of the cover, under which *d'* is pushed when placing the cover *d* on the stand. In the open position the cover rests in a vertical position upon the edge of the opening of the vessel by its two projections *c' c'*. In order to close the same, a penholder *i* is put upon the same, across the axial line of the cover, as shown in Fig. 3, by which action *d* is turned over upon the opening of the vessel and *d'* rises against the cover. The cover is kept in this position by the pencil until the latter is removed again, when the cover will return automatically to the vertical open position, as before, by the weight of *d'*. It is advisable to fix on top of the cover two additional pieces *K* or something similar, between which the pencil is placed in order to keep it in the required position.

In Fig. 5 is shown an inkstand *a*, whose fixed cover *f'* is formed with a groove *f²* at the middle of the vessel, which groove rises above the level of the cover. In front of the same the cover *d* is hinged, which has a somewhat-similar form to the cover represented in Fig. 4, with this difference, that the proportions of the lever are different to those of Fig. 4, as the arm of the lever which is located in the vessel is shorter. The latter, therefore, is provided with an appropriate weight *e* in order to cause the cover to assume the vertical open position. The weight fits exactly in the groove *f²*, as dotted on the figure, when the inkstand is closed. As this cover, as well as the vessel, is practically the same as those described before, its position when open in regard to the vessel is the same, and it also closes in the same way by means of a superposed pencil. The pencil could be placed in a groove of the cover *d* instead of between the pieces *K* of Fig. 3.

In Figs. 6 and 7 is shown a cover, which moves on a hinge *c* and which is held in the

open position, as the dotted lines show, by a latch j' , which is worked by a spring j . This cover also closes by the imposition of a pencil across the axle, so that it is better to fix
5 upon the cover two additional pieces K, as in Fig. 3.

The vessel represented in Fig. 8 corresponds with that of Figs. 6 and 7 as far as the construction, the fastenings of the cover,
10 and the addition of the pieces K are concerned. It differs, however, from the last description in so far that here the open position is caused by a spiral spring j^2 , put upon the pivot-pin c of the hinge, while an arm of the
15 spring works on the cover d .

As far as the closing is concerned, I refer to what has been said concerning the other apparatus.

I claim—

20 1. In combination with the inkstand, a cover pivoted thereto and adapted to receive a pen or pencil to close the same and the means ar-

ranged within the stand for automatically opening the cover, substantially as described.

2. In combination, the stand and the cover 25 pivoted thereto and adapted to close the stand, said cover having a weighted extension within the stand, substantially as described.

3. In the stand having a permanent covering portion extending partially over it, a cover 30 hinged at the edge of said permanent top and adapted to receive the weight of the pen or the like, said cover having an extension within the stand adapted to fit against the under side of the permanent cover, substantially as 35 described.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

MATTHEW FAUST.

Witnesses:

ALBERT WEICKMANN,
CARL MAYER.