H. M. Sherwood.

Inkstand.

No. 44,753. Patented Oct. 18, 1864.

Fig: 1.

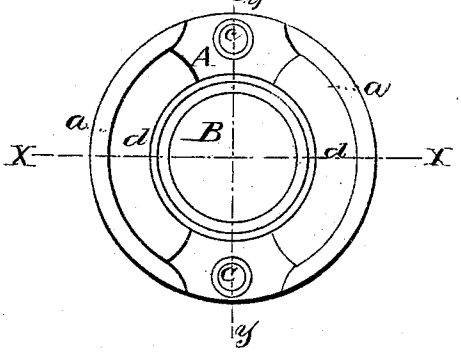


Fig: 4.

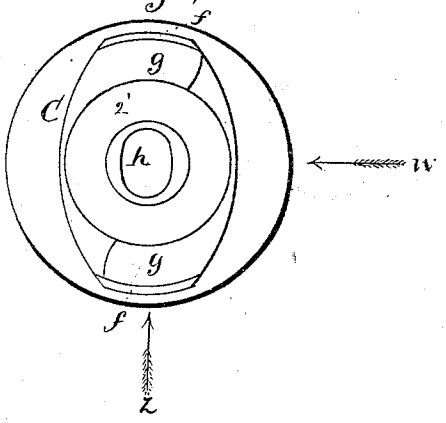


Fig: 2.

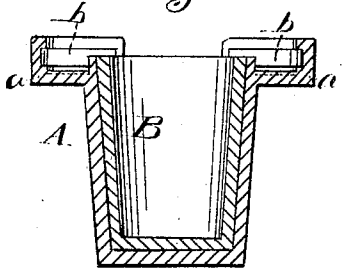


Fig: 5.

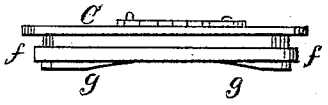


Fig: 3.

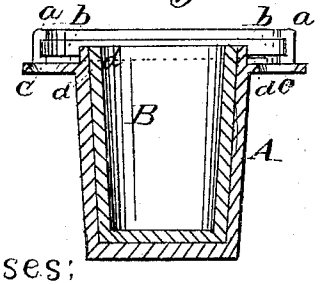
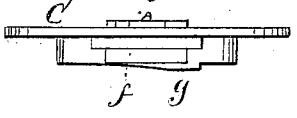


Fig: 6.



Witnesses;

J. C. Howells

J. C. Day

Inventor;

Henry M. Sherwood,

By his Atty.

J. L. Brown

UNITED STATES PATENT OFFICE.

HENRY M. SHERWOOD, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN FASTENING THE COVERS OF INK-WELLS.

Specification forming part of Letters Patent No. **44,753**, dated October 18, 1864.

To all whom it may concern:

Be it known that I, HENRY M. SHERWOOD, of Chicago, in the county of Cook and State of Illinois, have invented an Improved Means of Fastening on the Covers of Ink-Wells; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

Figure 1 is a plan of an ink-well provided with my improvement, the cover being removed; Fig. 2, a central vertical section of the same in a plane indicated by the line *x x*, Fig. 1; Fig. 3, a central vertical section thereof in a plane indicated by the line *y y*, Fig. 1; Fig. 4, an under side view of the cover arranged for the improved fastening; Fig. 5, a side view of the same in the direction indicated by the arrow *w*, Fig. 4; Fig. 6, a side view thereof, looking in the direction indicated by the arrow *z*, Fig. 4.

Like letters designate corresponding parts in all of the figures.

The well A, in which the glass ink-cup B rests, is provided at the top with a flange, *a*, projecting both outward and upward, substantially as shown in the drawings. The vertically-projecting part is cut away or omitted in two opposite parts of the periphery, as seen in Fig. 1, and in these open spaces the countersunk screw-holes *c c*, whereby the well is attached to the desk or table, are situated. In the inner periphery of the remaining portions of this vertical part or rim of the flange is turned a groove or grooves, *b b*, of right-angled or equivalent form. Between these rims and a raised central lip around the glass ink-cup, respectively on opposite sides, are inclined planes *d d*, ascending very slightly from left to right. The cover C has a raised portion on its upper side, surrounding a central cavity, *i*, which shuts over the ink-cup, but it is nearly cut away on two sides, making it oblong, as indicated in Fig. 4. The two opposite extended portions have their outer edges concentric with the cover itself, and terminate in projections *f f*, which will loosely fit into the grooves *b b* of the well-flange. These ends are only wide enough to be admitted into the opposite open spaces in the vertical rim of the well-flange, whereby the cover is brought close down upon the well far enough to allow the said projections *f f* to enter the said grooves *b b*.

Between the projections *f f* and the central cavity, *i*, are inclined planes *g g*, rising from left to right when the cover is inverted, but of course in the opposite direction when the cover is in position upon the well. These inclined planes correspond with the others, *d d*, on the ink-well, so that by turning the cover round to the right by a key, inserted in the pen-aperture *h*, (which is made oblong, or of other suitable shape for the purpose,) the opposite inclined planes meet and gradually press the cover upward, binding the projections *f f* against the upper edges of the grooves *b b* securely.

This method of fastening affords the advantages of cheap construction, unusual strength, and convenience, and obviates the liability of the cover's becoming pressed down on the glass ink-cup B, which might be broken thereby.

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

Fastening on the covers of ink-wells by means of inclined planes *g g* on the under surface thereof, acting upon corresponding inclined planes on the upper surface of the well itself, in combination with the plane projections *f f* on the cover, and the corresponding grooves, *b b*, in the rim of the well, receiving the same, substantially as and for the purposes herein set forth.

HENRY M. SHERWOOD.

Witnesses:

OWEN CUNNINGHAM,

J. W. MERRIAM.