

Improved Ink Well.

PATENTED AUG 8 1871

Stuart D. Clark.

117743

Fig. 1.

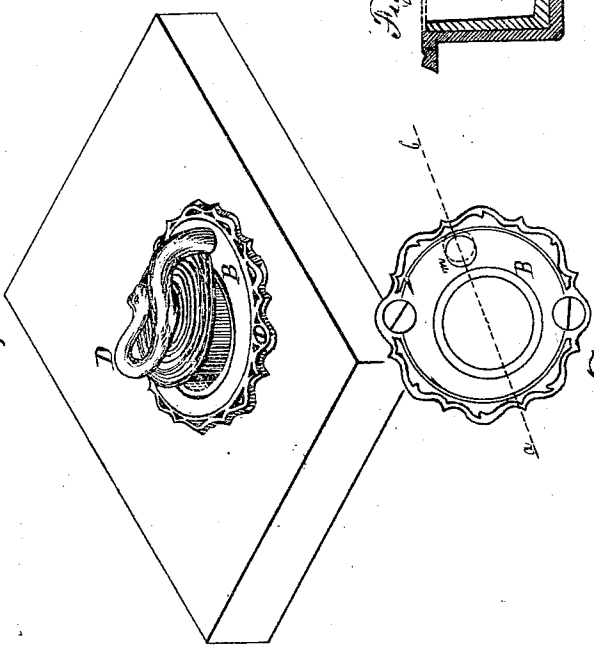


Fig. 3.

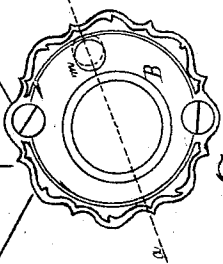
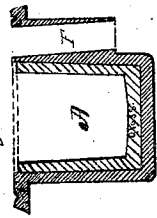


Fig. 2.



Section on Line a.b.

Fig. 4.

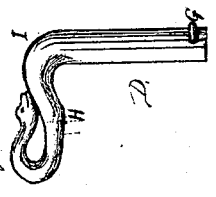
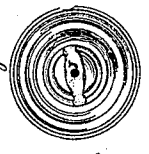


Fig. 5.



Inventor

Stuart D. Clark
by Chas. H. Woods
his attorney in fact.

Witnesses.
R. R. Boyant
R. S. Boyant.

UNITED STATES PATENT OFFICE.

STUART D. CLARK, OF MINNEAPOLIS, MINNESOTA.

IMPROVEMENT IN INKSTANDS.

Specification forming part of Letters Patent No. 117,743, dated August 8, 1871.

To all whom it may concern:

Be it known that I, STUART D. CLARK, of Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain useful Improvements in Ink-Well, of which the following is a specification:

My improvement relates to the closing of ink-wells used in school-desks by a lid and lever so constructed and arranged as to operate upon the wedge principle, making the well air-tight and preventing evaporation.

To enable others skilled in the art to make and use my invention, I will describe its construction and operation, reference being had to the accompanying drawing and letters of reference marked thereon which make a part of this specification.

Figure 1 is a view of the well in perspective. Fig. 2 is a sectional view of the well A with the metallic casing surrounding it, and the lever-socket F beside the well and inclined thereto. Fig. 3 is a top view of the rim B of the well A, having a smooth surface on its top. Fig. 4 is a side view of lever D, which is to be inserted in socket F. Fig. 5 is a top view of the detached lid E, with its under side smoothly polished.

D is a lever, bent as shown at I, the long arm of which fits into socket F and is secured below by pin G, and having upon its shorter arm the

knuckle H, which fits into the lid-socket J. When the lid E is placed on the well and lever D inserted into the socket F and secured by the pin G, the knuckle H at the same time fitting into socket J and securing the lid, the effect produced by the socket F holding the long arm of D a little out of perpendicular to the surface line *a b* will be that, when the short arm of D is brought to the front, a center pressure will be given to the lid by means of the knuckle H, and the smooth face of the lid be thereby tightly wedged to the smooth surface B, rendering the well air-tight, while, by throwing the lever one side, the wedge is loosened and the well opened without detaching the lid.

I claim as my invention—

The well A, supplied with transverse socket F and smooth rim-surface B, in combination with the curved lever D, lid E, and pin G, so that by turning the lever a center pressure will be given to the lid by the knuckle H and the well be closed tightly, on the principle of the wedge, all substantially as and for the purpose described.

STUART D. CLARK.

Witnesses:

C. B. WATSON,
C. B. KRAUSER.