

V. VIZET.
Plate Holder.

No. 213,264.

Patented Mar. 11, 1879.

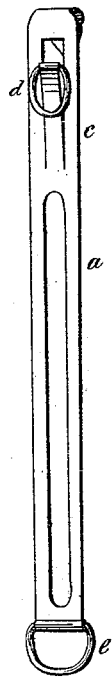
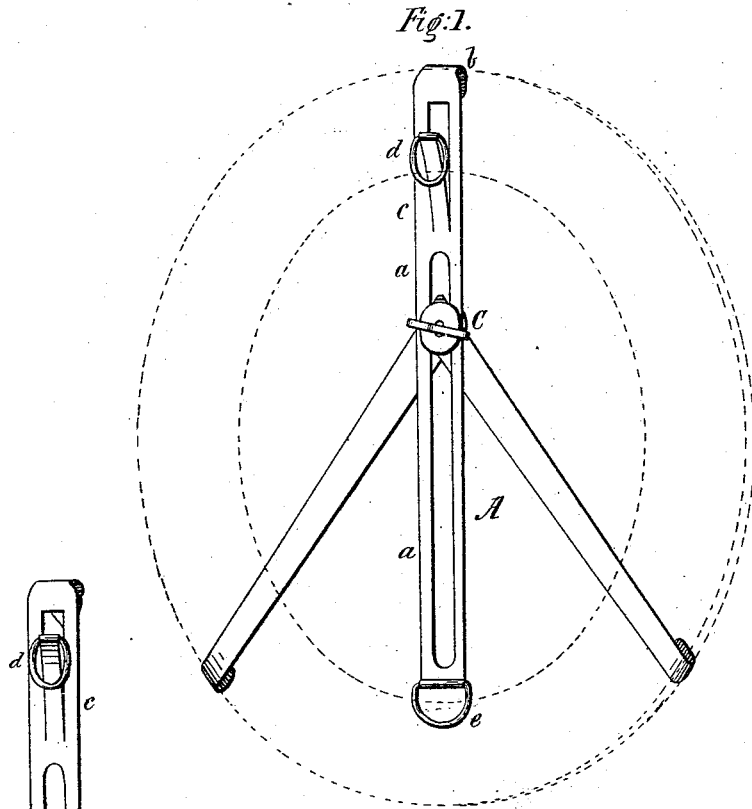


Fig. 2.



Fig. 3.

—Witnesses—
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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN PLATE-HOLDERS.

Specification forming part of Letters Patent No. 213,264, dated March 11, 1879; application filed February 3, 1879.

To all whom it may concern:

Be it known that I, VICTOR VIZET, of the city, county, and State of New York, have invented a new and useful Improvement in Plate-Holders, of which the following, taken in connection with the accompanying drawings, is a full, clear, and accurate description.

In the drawings, Figure 1, A represents my improved plate-holder complete.

Fig. 2 represents the anchor-piece *a*.

Fig. 3 represents the thumb-screw C.

The object of my invention is to form an improved plate-holder.

I form my improved plate-holder A in an anchor-piece, *a*, consisting of one piece of metal or other suitable material. One end of this anchor-piece *a* has a clutch, *b*, for holding the plate securely. At or near one end of the anchor-piece *a* a spring, *c*, is cut, to which is attached the ring *d* for holding the plate straight. At the other end of the anchor-piece *a* is another ring, *e*, for the purpose of adjusting the same. The anchor-piece is secured to the plate also by a peculiar thumb-screw, C, which is tightened or loosened, as desired.

In making the thumb-screws now commonly used, the thread is cut completely around that portion of the thumb-screw on which the screw-thread is cut, while the head of the screw is milled, so as to allow the screw to be started easily.

In my improvement I stamp, press, or by other suitable means form a blank from a sheet of metal or other proper material, of such a shape that a screw-thread can be cut on a portion of it, and the other portion be used as the head or thumb-piece.

Instead of cutting the screw-thread completely around the portion of the blank which

is to form the screw, I cut only the edges of that portion of the blank *g* with the screw-thread, and slightly twist the screw, while the oblong portion of the blank *h* forms the head or thumb-piece. (See Fig. 3.)

My improved thumb-screw thus does away with the necessity of milling the sides of the thumb-piece, as is usually done, while by stamping or pressing the blank, and then cutting a screw-thread on the edges only, an inexpensive and durable thumb-screw is produced.

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

1. The improved plate-holder A, provided with the anchor-piece *a*, made in one piece of metal or other proper material.

2. The improved plate-holder A, provided with the anchor-piece *a* and clutch *b*.

3. The improved plate-holder A, provided with the anchor-piece *a*, clutch *b*, and spring *c*.

4. The improved plate-holder A, provided with the anchor-piece *a*, clutch *b*, and rings *d* and *e*.

5. The improved plate-holder A, provided with the anchor-piece *a*, clutch *b*, rings *d* and *e*, and spring *c*.

6. The metallic thumb-screw C, formed in one piece of metal with the thumb-piece *h* and screw *g*, in combination with the anchor-piece *a* of the plate-holder A, substantially as described, and for the purpose set forth.

In testimony whereof I have hereunto set my hand this 30th day of January, 1879.

VICTOR VIZET.

In presence of—

LOUIS W. FROST,
GEO. A. BOYNTON.