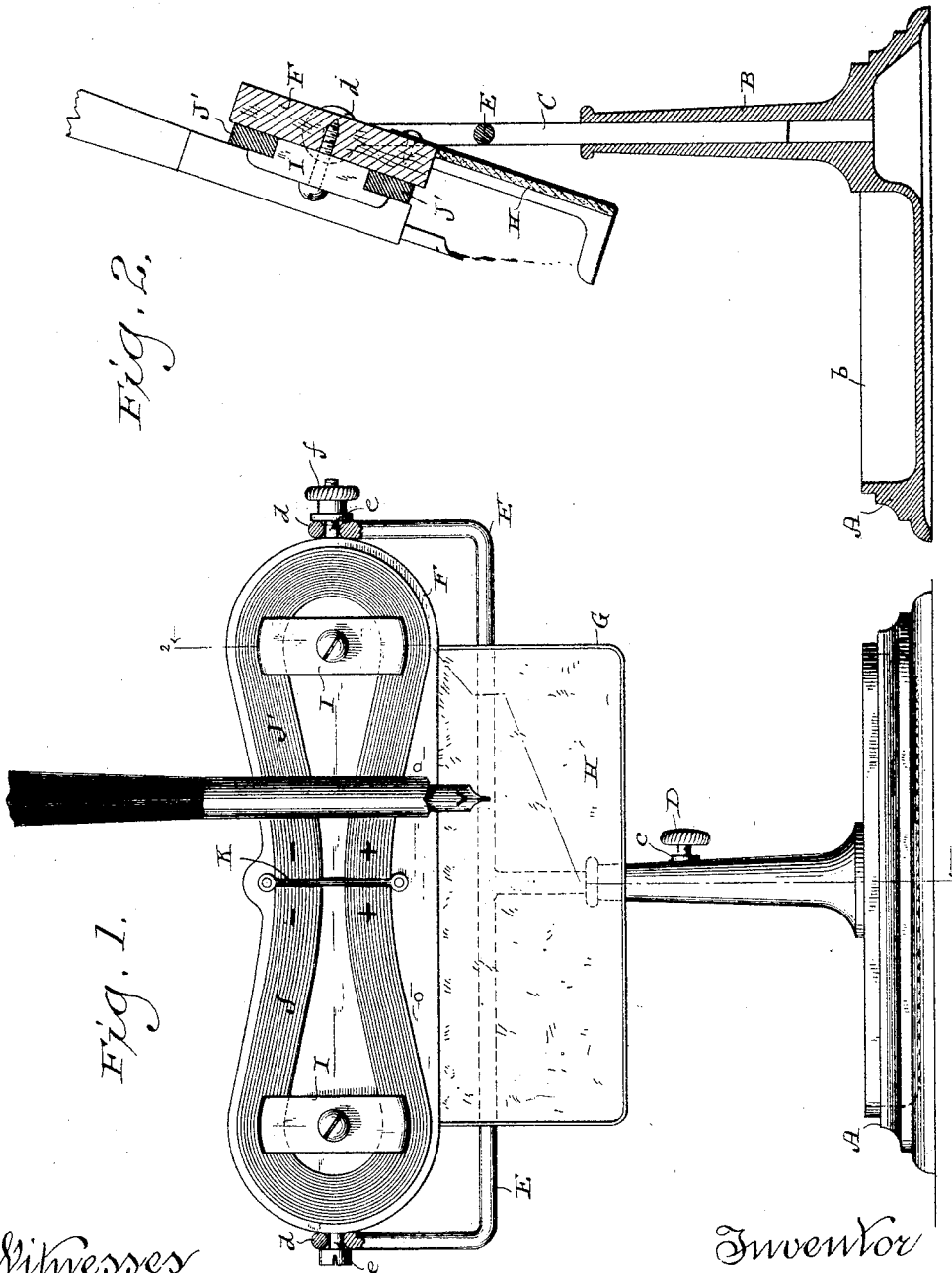


(No Model.)

L. H. COLEMAN.
PEN RACK.

No. 457,759.

Patented Aug. 11, 1891.



Witnesses
Geo. W. Young
W. E. Oliphant

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UNITED STATES PATENT OFFICE.

LOOMIS H. COLEMAN, OF RACINE, ASSIGNOR TO HAROLD G. UNDERWOOD,
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PEN-RACK.

SPECIFICATION forming part of Letters Patent No. 457,759, dated August 11, 1891.

Application filed December 22, 1890. Serial No. 375,493. (No model.)

To all whom it may concern:

Be it known that I, LOOMIS H. COLEMAN, a citizen of the United States, and a resident of Racine, in the county of Racine, and in the State of Wisconsin, have invented certain new and useful Improvements in Pen-Racks; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention consists in certain peculiarities of construction and combination of parts, to be hereinafter described with reference to the accompanying drawings, and subsequently claimed.

In the drawings, Figure 1 represents a front elevation of a stand provided with a pen-rack constructed according to my invention, and Fig. 2 a vertical transverse section on line 2 2 of the preceding figure.

Referring by letter to the drawings, A represents a base recessed at *b* and provided with a hollow standard B, the latter receiving a rod C, that is held at various elevations, to which it may be adjusted by means of a set-screw D, this set-screw being arranged in a bearing *c* on said standard. The upper end of the rod C is provided with right-angled arms E, having bearings *d* for trunnions *e* on a back piece F, the latter being held at any angle to which it may be adjusted by means of a clamping-nut *f* on one of the trunnions. The back piece F is provided with a flanged extension or drip-pan G, and I prefer to cover the bottom of this drip-pan with a pad of blotting-paper H, or other suitable absorbent material.

Secured to the back piece F by clamps I, or other suitable means, are two horseshoe-magnets J J', the north and south poles of one being opposite the relative poles of the other and impinged against an interposed armature K, that is shown as rigidly secured to said back piece.

The armature K is the medium through which the two magnets are made one by the formation of a continuous circuit of both, and the poles of each being connected by said armature there is no loss of the magnetic force.

The magnets J J' and armature K, in the

arrangement just described, form a magnetic base designed to retain pen-holders and pencils when not in use, it being understood that said pen-holders and pencils are necessarily provided with sockets or tips of magnetic metal.

In practice a penman places his pen-holder or pencil in the field of magnetic attraction, and on letting go of said pen-holder or pencil there is a direct adherence of the same to the magnetic base until forcibly detached, while at the same time any ink that may drip from a pen is caught in the pan G and absorbed by the material therein.

In the device shown the recessed base A is intended as a tray for inkstands and other desk-furniture, and the magnetic base is arranged in the manner described as a matter of convenience, it being obvious that such a base may be arranged on any suitable support, and that I may employ one or more straight bar-magnets instead of those having the horseshoe form and obtain the same result.

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

1. A pen-rack comprising a magnetic base and a suitable support for the same, substantially as set forth.

2. A pen-rack comprising a magnetic base, a suitable support for the same, and a drip-pan arranged below said magnetic base, substantially as set forth.

3. A pen-rack comprising a rod having angle-arms extended in opposite directions therefrom, a back piece trunnioned in the arms, suitable means for locking the back piece in the position to which it may be adjusted, and a magnet arranged on said back piece, substantially as set forth.

4. A pen-rack comprising a trunnioned back piece, suitable means for locking the same in the position to which it may be adjusted, a magnet arranged on the back piece, and a drip-pan depending from said back piece, substantially as set forth.

5. A base provided with a hollow standard, a rod vertically adjustable in the standard

and provided with angle-arms extended in opposite directions, in combination with a back-piece trunnioned in the arms, suitable means for locking the back piece in the position to which it may be adjusted, and a magnet arranged on said back piece, substantially as set forth.

6. A pen-rack comprising a back piece, two horseshoe-magnets clamped thereon to have their relative poles in opposition, an armature arranged between said magnets, and a suit-

able support for the back piece, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Racine, in the county of Racine and State of Wisconsin, in the presence of two witnesses.

LOOMIS H. COLEMAN.

Witnesses:

WILLIAM MARLEY RODGERS,
JAMES A. BEAUGRAND.