

(No Model.)

R. CHARLES.

PEN RACK.

No. 277,003.

Patented May 8, 1883.

Fig. 1.

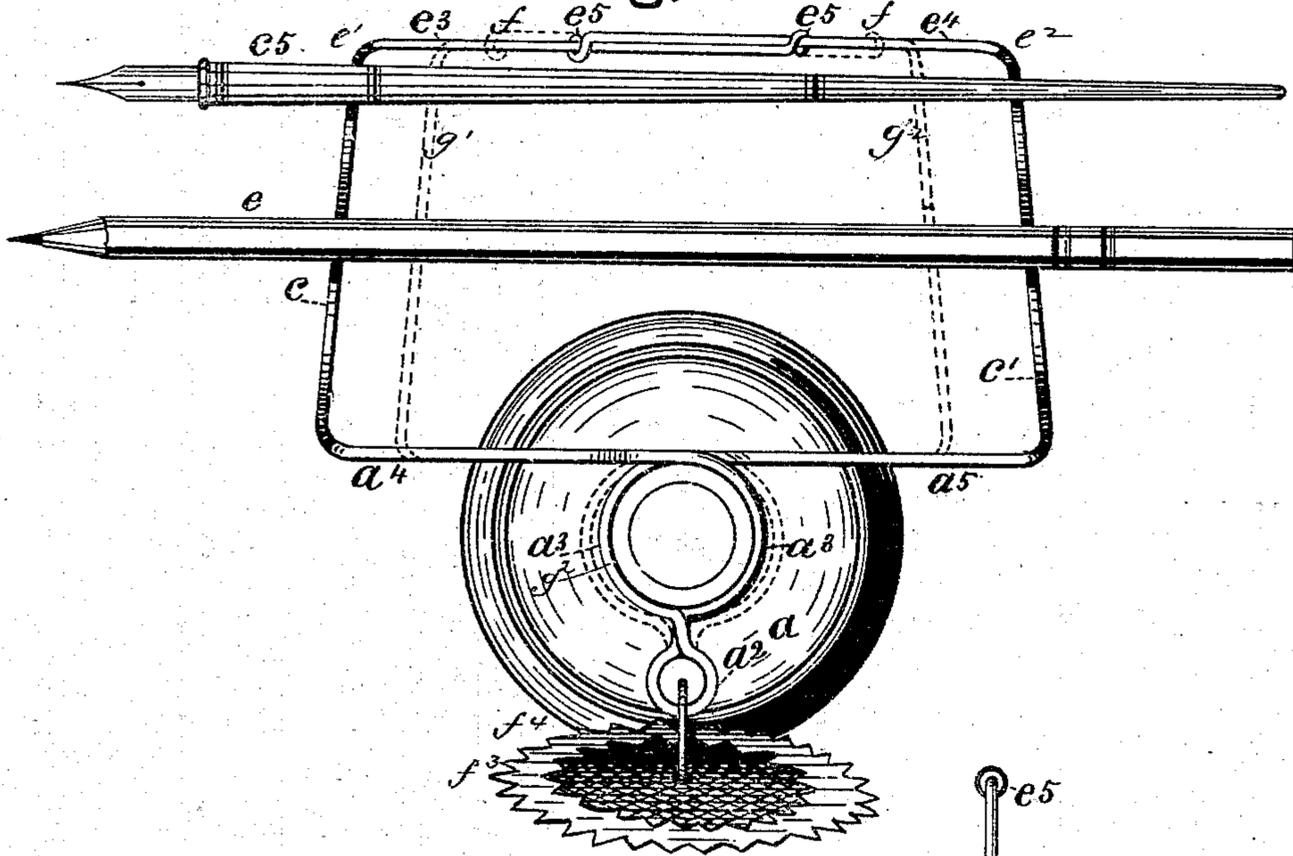
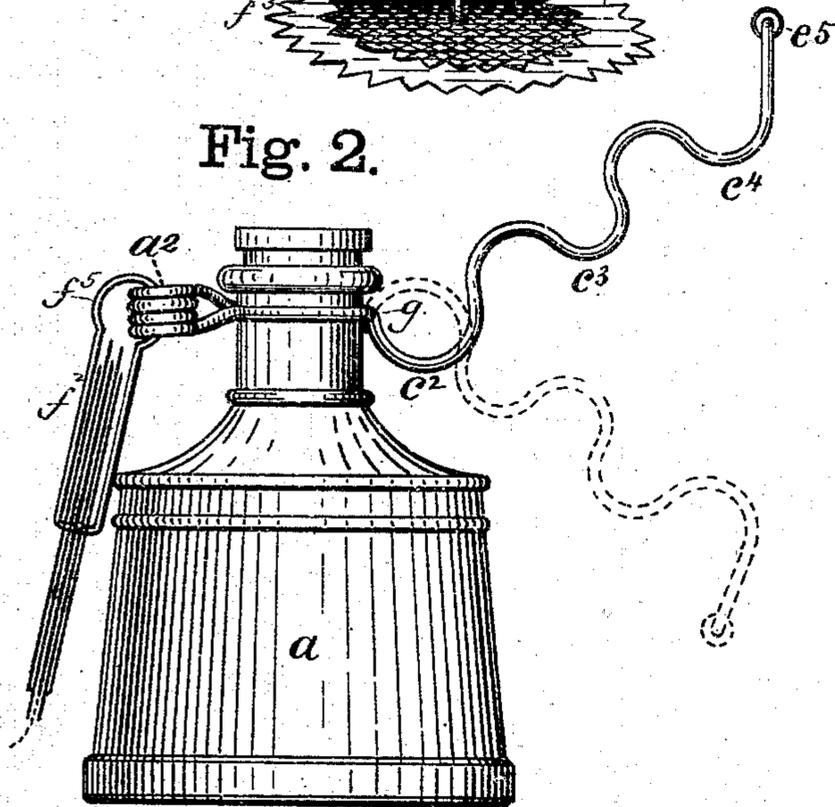


Fig. 2.



Witnesses.

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# UNITED STATES PATENT OFFICE.

ROBERT CHARLES, OF BUFFALO, NEW YORK.

## PEN-RACK.

SPECIFICATION forming part of Letters Patent No. 277,003, dated May 8, 1883.

Application filed January 24, 1883. (No model.)

To all whom it may concern:

Be it known that I, ROBERT CHARLES, a subject of the Queen of Great Britain, residing in Buffalo, in Erie county, and State of New York, have invented certain new and useful Improvements in Pen-Racks, of which the following is a specification.

The object of my invention is to produce a simple, cheap, and easily-removable pen-rack adapted to be readily connected to or easily removed from any ordinary ink-bottle, all of which will be fully and clearly hereinafter shown and described by reference to the accompanying drawings, in which—

Figure 1 is a plan or top view, showing the device attached to an ink-bottle; and Fig. 2 represents a side elevation of the same.

*a* represents an ordinary ink-bottle, of glass or any suitable material.

The pen-rack is made of a single piece of spring-wire or other suitable material, and consists of the short spiral-spring portion *a*<sup>2</sup>, the semicircular parts *a*<sup>3</sup>, which encircle the neck of the bottle to which it is connected. The parts *a*<sup>4</sup> *a*<sup>5</sup> extend a short distance each side of the bottle, as shown in Fig. 1, and are then bent so as to form the sides *c* *c'*, which are provided with the bent portions *c*<sup>2</sup> *c*<sup>3</sup> *c*<sup>4</sup>, (see Fig. 2,) to receive and hold the pens or pencils *e*<sup>5</sup> and *e*, as shown in Fig. 1. The sides *c* *c'* are bent at the corners *e'* *e*<sup>2</sup>, so as to form the parts *e*<sup>3</sup> *e*<sup>4</sup>, each of which terminate in a clasp, *e*<sup>5</sup>, adapted to hold them together in line and allow them to move longitudinally along each other, as shown by the dotted lines *f* *f'* in Fig. 1.

*f*<sup>2</sup> represents a pen-wiper composed of a disk of pasteboard, *f*<sup>3</sup>, and several pieces of cloth or other suitable material, *f*<sup>4</sup>. The object of the pasteboard is to form a stiffening-body to keep the parts in shape. The pen-wiper is connected by a ring or wire, *f*<sup>5</sup>, which passes through the spiral portion *a*<sup>2</sup> and then through

the center of the pen-wiper, so it can be made to turn easily thereon. The rack can be reversed or put on either way, as shown by the dotted lines *g* in Fig. 2. In that case it will be seen that the pen-wiper is also reversed, as it can turn from one side to the other. To connect or disconnect the rack to or from a bottle all that is necessary to do is to press by the hands or the thumb and fingers the two sides *c* *c'*, so as to bring them into or about the position shown by the dotted lines *g* *g'* *g*<sup>2</sup>, which operation enlarges or separates the semicircular portions *a*<sup>3</sup>, so as to be put on or taken off from a bottle, and so that it can be used for bottles of different sizes, as hereinbefore mentioned. When the pressure is taken off from the sides the parts encircling the neck of the bottle spring closely to it, so as to hold it securely in place on the bottle. The spiral spring *a*<sup>2</sup> acts as a spring to hold the parts *a*<sup>3</sup> toward each other, and also as a holder for the ink-wiper. It also affords the means for a wider separation of the parts *a*<sup>3</sup>, so as to adapt it to be used on large bottles as well as small ones.

I do not claim, broadly, a pen-rack adapted to clasp onto the neck of a bottle, as that has been done heretofore; but

What I do claim as my invention is—

1. A pen-rack consisting of the spiral spring *a*<sup>2</sup>, the curved portions *a*<sup>3</sup>, sides *c* *c'*, having the bent portions *c*<sup>2</sup> *c*<sup>3</sup> *c*<sup>4</sup>, and the parts *c*<sup>3</sup> *c*<sup>4</sup>, terminating in the clasps *e*<sup>5</sup>, substantially as and for the purposes described.

2. A pen-rack consisting of the sides, curved portions, and clasps, substantially as specified, in combination with the spiral spring *a*<sup>2</sup> and ring or wire *f*<sup>5</sup> for holding the pen-wiper *f*<sup>2</sup>, as described.

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Witnesses:

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