No. 788,232. PATENTED APR. 25, 1905.

R. ADDISON.

PEN WIPER.

APPLICATION FILED JAN. 17, 1905.

Fig. 1.

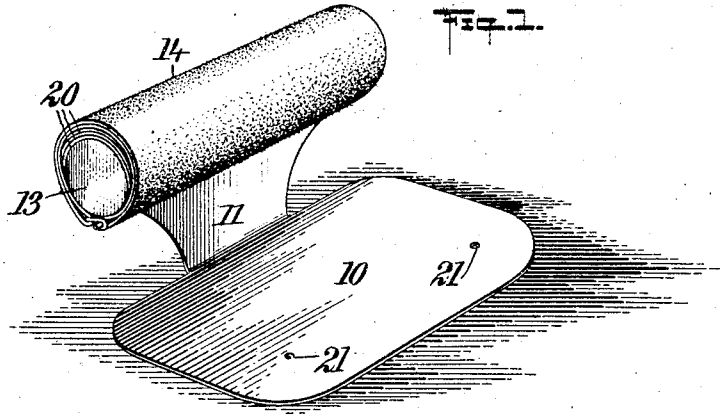


Fig. 3.

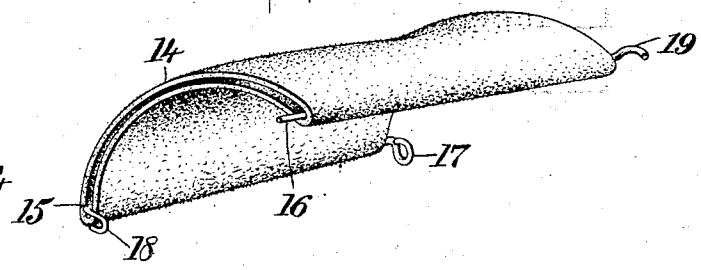


Fig. 2.

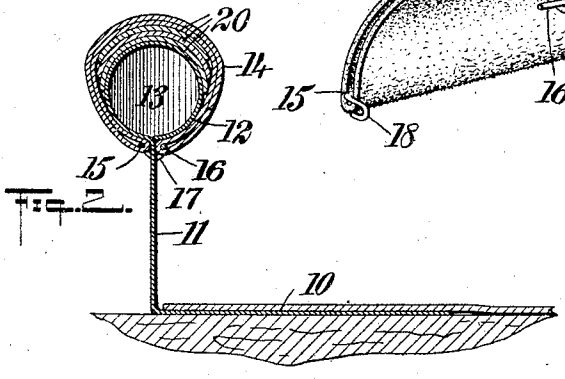


Fig. 4.

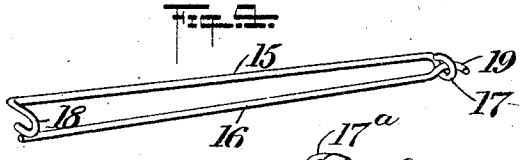
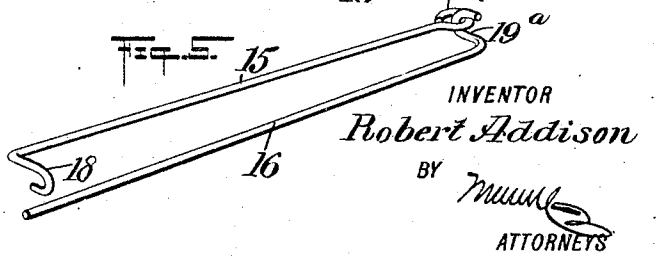


Fig. 5.



WITNESSES:

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No. 788,232. Patented April 25, 1905.

UNITED STATES PATENT OFFICE.

ROBERT ADDISON, OF NEW YORK, N. Y.

PEN-WIPER.

SPECIFICATION forming part of Letters Patent No. 788,232, dated April 25, 1905.

Application filed January 17, 1905. Serial No. 241,432.

To all whom it may concern:

Be it known that I, ROBERT ADDISON, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Pen-Wiper, of which the following is a full, clear, and exact description.

My invention relates to pen-wipers, its principal objects being to provide a simple and convenient device in which the wiping-surface may be readily renewed.

It consists in the various features and combinations hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of one embodiment of my invention. Fig. 2 is a transverse vertical section therethrough, the base being shown as inserted beneath an object. Fig. 3 is a perspective view of the wiping member removed from its support and showing the securing device in coaction with it. Fig. 4 is a perspective view of the members of the securing device, and Fig. 5 is a similar view of another form of said securing members.

10 designates a base, preferably of some comparatively thin material, such as sheet metal, and having rising from one edge a standard 11, which may be formed integrally with the base and bent to assume the desired position. The standard is widened at its upper end and bent into curved form to furnish an elongated cylindrical support 12. The ends of this support may be closed by heads or disks 13, secured therein. Obviously instead of forming the support integrally with the standard it may be constructed separately and soldered or otherwise secured thereto, though the arrangement just mentioned furnishes a convenient method of manufacture. The length of the support is preferably such that it extends beyond the standard at each end, and about it is wrapped a wiping-strip 14, preferably of some such fibrous material as cloth or felt. The wiping-strip is conveniently made in the form of an endless belt of such width that it will extend for substantially the full length of the support and of such length that it will surround said support. The ends of the belt are connected at each side of the standard by a suitable securing device, which may consist of rods 15 and 16, extending through the opposite ends of the belt. One of these rods (that designated by the numeral 15) has at one extremity a closed loop 17 and at the opposite extremity an open loop 18, both of these loops lying at substantially right angles to the rod. The companion rod has a curved portion 19, which may engage the loop 17, while the opposite end may be straight and coact with the loop 18. The portions 17 and 19 may be connected before the belt is applied to the support, and then after such application the straight end of the rod 16 may be sprung into the loop 18 at the other side of the standard. This draws the wiping-strip about the support and tightly over cushioning or yieldable sections 20, which are shown as interposed between the strip and the support. These are preferably formed from cloth or the like and are of gradually-varying widths, permitting the exterior of the wiping-strip to maintain the cylindrical form of the support. This cushioned portion lies at or near the top of the support and furnishes a yieldable surface upon which pens may be wiped. When the upper and outer surface of the wiping-strip becomes incrusted with ink, the securing device may be released and the strip shifted to present a new surface, this permitting the entire length to be utilized. After the whole belt has been thus employed it may be removed and a new one readily applied.

It will be seen that my improved pen-wiper is light, durable, and may be cheaply manufactured and that its base may be inserted under a desk-pad, ink-well, or any other object to maintain it securely in an upright position and convenient for the person using it. Instead of so fixing it in position it may, if desired, be secured to the desk by means of tacks passing through openings 21 in the base. In its use it is not necessary to employ both hands when cleaning a pen, as with

a loose cloth, and ink is not scattered from it, as is liable to be the case with the brush pen-wipers.

Various changes may be made in the embodiment of my invention above disclosed. For example, the securing device instead of having both angular looped portions or projections upon one of the rods may have both rods bent, as is shown in Fig. 5 of the drawings. Here the loop 18 occupies the same position as that illustrated in the other figures; but the companion loop 17^a lies in the general plane of the rod 15, while the curved portion 19^a of the rod 16 is bent at an angle to engage it.

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

1. A pen-wiper comprising a comparatively thin base, a standard rising from the base near one end, an elongated support carried by the standard, and a wiping member surrounding the support.

2. A pen-wiper comprising a base, a standard rising from the base, a support carried by the standard, a strip of fibrous material extending about the support to points at each side of the standard, and means for securing the ends of the strip together.

3. A pen-wiper comprising a base, a standard rising from the base, a support carried by the standard, an endless wiping-belt extending about the support to points at each side of the standard, and means for securing the belt in position.

4. A pen-wiper comprising a base, a standard rising from the base, a support carried by the standard, an endless wiping-belt extending about the support to points at each side of the standard, and means for securing the belt in position extending through said belt.

5. A pen-wiper comprising a base, a standard rising from the base, a support carried by the standard, an endless wiping-belt extending about the support to points at each side of the standard, and coacting rods extending through said belt.

6. A pen-wiper comprising a base, a standard rising from the base, a support carried by the standard, an endless wiping-belt extending about the support to points at each side of the standard, and rods extending through the belt and having curved engaging portions.

7. A pen-wiper comprising a base, a standard rising from the base, a support carried by the standard, a strip of fibrous material extending about the support to points at each side of the standard, a plurality of yieldable sections of gradually-varying widths interposed between the strip and support, and means for securing the ends of the strip together.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ROBERT ADDISON.

Witnesses:

JOSEPH CARADINE,

THOMAS J. ENRIGHT.