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1,514,519

W. M. HARRIS

PEN

Filed April 14 1922

Fig. 1.

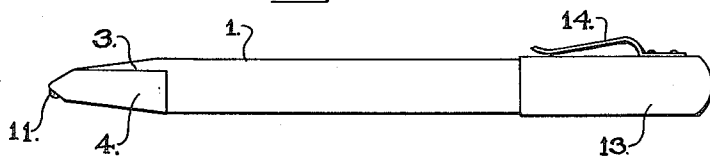


Fig. 2.

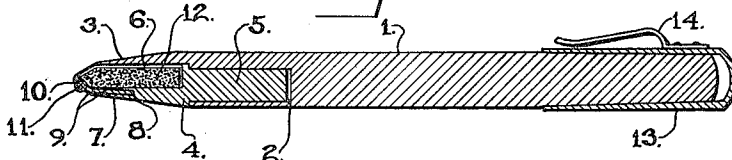


Fig. 3.

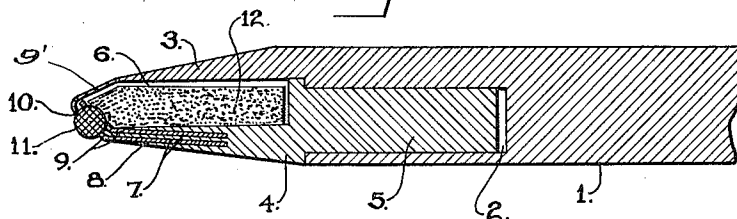


Fig. 4.

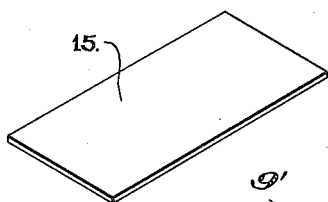


Fig. 5.

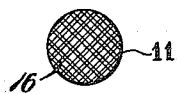
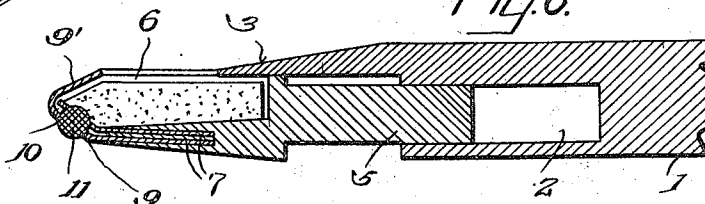


Fig. 6.



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WITNESS:

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UNITED STATES PATENT OFFICE.

WILLIAM M. HARRIS, OF EVANSTON, WYOMING.

PEN.

Application filed April 14, 1922. Serial No. 552,620.

To all whom it may concern:

Be it known that I, WILLIAM M. HARRIS, a citizen of the United States, residing at Evanston, in the county of Uinta and State of Wyoming, have invented new and useful Improvements in Pens, of which the following is a specification.

This invention relates to a pen, the general object of the invention being to provide means for making impressions upon checks and the like which cannot be altered.

Another object of the invention is to make the writing point in the form of a roller with means for furnishing ink or the like to the roller.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a side view of the device.

Figure 2 is a longitudinal sectional view.

Figure 3 is an enlarged sectional view through the writing end of the device.

Figure 4 is a view of a pad.

Figure 5 is a view of the ball.

Figure 6 is a view similar to Figure 3, but showing the head partly removed.

In these views 1 indicates the handle of the device which at one end is provided with a bore 2 and a projection 3 which is of tapered shape, as shown. A removable head 4 has a reduced part 5 which fits in the bore with enough friction to hold the head in position. The head is provided with a chamber 6 which opens out at the side of the head which is engaged by the projection 3 so that said projection 3 acts as a cover for the said chamber. One wall of the head is provided with a socket 7 which receives the stems 8 of a pair of plates 9. The outer parts of these plates are bent over the outer end of the head and these parts have openings 10 therein to receive and hold a ball 11. The outer plate

is formed with an extension 9' which extends upwardly and inwardly so that its end will engage the end of the projection 3 when the head is in place. The parts are so arranged that the ball projects beyond the plates so that a portion of the ball is in the chamber and another portion projects beyond the end of the head. The ball is rotatably mounted in the plates and the parts are so positioned that when the end of the head is placed adjacent a surface the ball will contact with said surface and when the pen is moved along the ball will rotate and thus act as a pen point. Ink or the like is furnished to the ball by means of a pad located in the chamber 6 and having a part contacting with the inner part of the ball. The device can be provided with a cap which may contain the holding clip for holding the pen in a pocket. I also provide a pad 15 upon which the sheet to be written upon is placed, thus allowing the ball to make a deep impression in the sheet written upon and also preventing the impression from being made on the sheet beneath as in a check book.

As shown the ball is provided with indentations 16 which form raised portions which will convey the ink or other material to the sheet. The invention is designed for writing checks and other valuable papers and forms an impression that cannot be altered.

It will of course be understood that the device can be used for writing on any surface as I do not wish to be limited to checks. It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:—

1. A pen of the class described comprising a body having a projecting part, a head removably carried by the body and having a chamber therein which is covered by the projecting part, a pad in the chamber for receiving ink or the like and a roller carried by the head and having a portion



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engaging the pad for conveying the ink thereon to the surface to be written upon.

2. A pen of the class described comprising a head, a handle in which the head is
5 removably secured, a chamber in the head, a pad in the chamber, a pair of plates carried by the head and forming the end there-

of, each plate having a hole therein and a ball held in said holes and projecting beyond each plate, the inner projecting portion engaging the pad and the outer portion the sheet to be written upon. 10

In testimony whereof I affix my signature.

WILLIAM M. HARRIS.