Oct. 2, 1951 J. G. WEISS 2,569,704

ERASER

Filed May 13, 1946

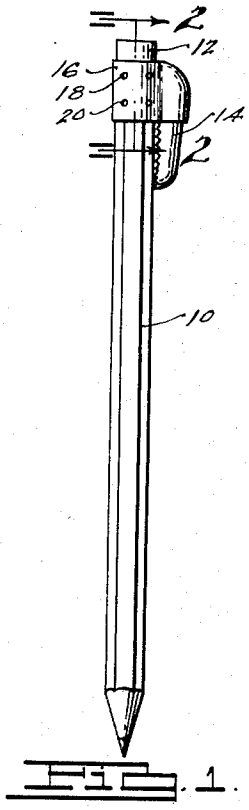


Fig. 1.

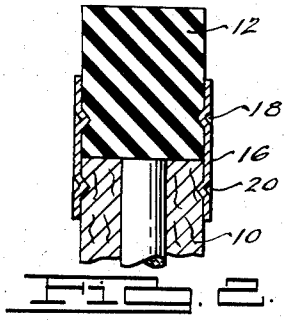


Fig. 2.

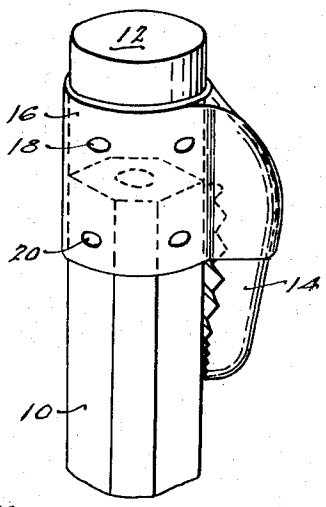


Fig. 3.

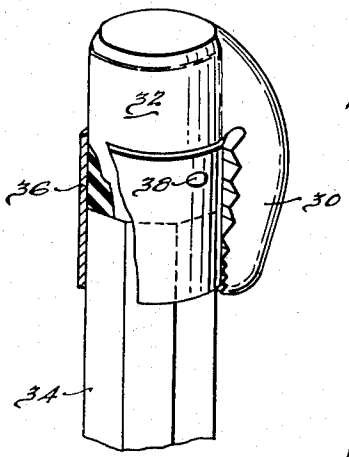


Fig. 4.

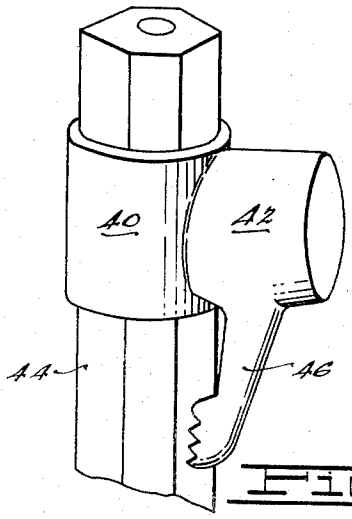


Fig. 5.

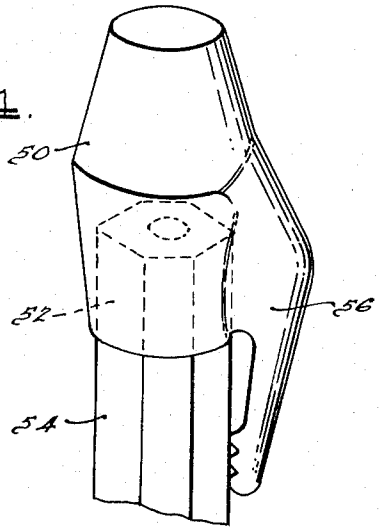


Fig. 6.

INVENTOR.
Joseph G. Weiss.
BY
Harness, Dickey & Pierce.
ATTORNEYS.

Patented Oct. 2, 1951

2,569,704

UNITED STATES PATENT OFFICE

2,569,704

ERASER

Joseph G. Weiss, Detroit, Mich.

Application May 13, 1946, Serial No. 669,364

3 Claims. (Cl. 120—1)

1

This invention relates to erasers adapted for use on lead pencils and the like.

The main objects of the present invention are to provide an improved rubber eraser having a rubber clip arm integrally formed thereon; to provide an eraser having improved means for mounting the eraser on a pencil; to provide an improved eraser having a clip arm integrally formed thereon and having means for securing the eraser to a pencil, and in general to provide an eraser attachable to a pencil having means thereon for securing the pencil in a pocket which is simple in construction and economical of manufacture.

With the above and other objects in view, which will become apparent from a consideration of the accompanying drawing, the following specification, and the appended claims, preferred but illustrative embodiments of the invention are shown in the accompanying drawing throughout the several views of which like reference characters designate like parts and wherein:

Figure 1 is an elevational view of a pencil having an eraser constructed according to one form of the invention mounted on one end thereof;

Fig. 2 is an enlarged sectional view of the structure of Figure 1 taken substantially along the line 2—2 thereof;

Fig. 3 is an enlarged partial perspective view of the structure of Figure 1;

Fig. 4 is a perspective view of another form of my invention showing parts in section;

Fig. 5 is a perspective view of still another form my invention may assume; and

Fig. 6 is a perspective of another form of my invention.

Referring to Figs. 1, 2, and 3 of the drawings, my eraser is illustrated in connection with a lead pencil 10, however, it will be understood that it may be used as well in connection with mechanical pencils, fountain pens and the like. My eraser comprises a cylindrical body portion 12 formed of rubber or other suitable material adapted for removing pencil marks and to perform other conventional cleaning operations for which erasers are employed. A clip arm 14 is integrally formed on the body 12 adjacent to one end thereof and disposed to extend longitudinally of and resiliently engage the pencil 10 when the eraser is mounted thereon. The eraser carries a band 16 which may be formed of metal or other suitable material, and which is secured to the body 12 at the end thereof upon which the clip arm 14 is integrally formed, by the staking 18. The band 16 also encloses a portion of the clip

2

arm 14 adjacent to its integral connection to the body 12, and extends beyond the end of the body 12 to which it is connected to provide a generally cylindrical socket adapted to receive the end of the pencil 10 to which it may be secured by the staking 20. The band 16 of this construction supports and reinforces a portion of the clip arm 14 permitting an increased gripping action between the clip arm 14 and the pencil 10 and also eliminates any possibility of tearing the clip arm 14 from the body 12.

It will of course be apparent that the clip arm integrally formed on the eraser of the present invention performs the function of the conventional pencil clip, namely, that of securing the pencil to any one of numerous objects such as pockets of wearing apparel and the like.

In the modified form of my invention illustrated in Figure 4, the clip arm 30 which is integrally formed on the body 32 is disposed in spaced relation to the end of the body 32 which is to be secured to the pencil 34. The band 36, however, corresponding to the band 16, is cylindrical in shape and does not enclose any part of the clip arm 30. The band 36 is secured to the body 32 and to the pencil 34 by the staking 38 in the same manner as the band 16 of the eraser illustrated in Figs. 1 to 3 inclusive.

In the further modified form of my invention illustrated in Figure 5, the band 40 is integrally formed on the body 42 and is adapted to receive and elastically grip a pencil 44 upon which the eraser is to be mounted. The body 42 extends radially of the band 40 and is provided with a clip arm 46 integrally formed thereon and extending generally axially of the band 40 and adapted to resiliently engage the pencil 44 when the eraser is mounted thereon.

The eraser of this embodiment may be readily moved along the pencil and transferred from one pencil to another as desired. It also has the important advantage that it may be used on long pencils to clip them in relatively shallow pockets since it need not be mounted at the end of the pencil.

Another form of my eraser is illustrated in Fig. 6. In this embodiment, the body 50 has a recess or socket formed in one end thereof adapted to receive the end of the pencil 54. A clip arm 56 is integrally formed on the body 50 and disposed to extend longitudinally of and resiliently engage the pencil 54 when it is received in the socket 52. This construction permits the eraser to be readily transferred from one pencil to another.

While several specific embodiments of my invention have been illustrated and described in detail, it will be apparent to those skilled in the arts that numerous modifications and changes may be made therein without departing from the spirit of the invention and from the scope of the appended claims.

What is claimed is:

1. A rubber pencil eraser adapted to be mounted on a pencil and having a narrow elongated clip arm of rubber integrally formed thereon and adapted to extend longitudinally of and resiliently engage the pencil when said eraser is mounted thereon, said eraser providing the sole means of support of the clip arm on the pencil.

2. A rubber pencil eraser adapted to be mounted on a pencil, said eraser having a narrow elongated clip arm of rubber integrally formed therewith and adapted to extend longitudinally of and resiliently engage said pencil below said eraser when said eraser is mounted thereon, said clip arm having a plurality of serrations formed therein and disposed to extend transversely of and engage the pencil when said eraser is mounted thereon.

3. A rubber pencil eraser having a socket formed therein adapted to receive one end of a pencil, and said eraser having a narrow elongated clip arm of rubber integrally formed therewith and adapted to extend longitudinally of and resiliently engage the pencil below said eraser when said eraser is mounted thereon.

JOSEPH G. WEISS.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
390,038	Schofield	Sept. 25, 1888
428,752	Gores	May 27, 1890
468,658	Hamill	Feb. 9, 1992
723,765	Weaver	Mar. 24, 1903
882,377	Evans	Mar. 17, 1908
1,167,731	Waldo	Jan. 11, 1916
1,334,332	Wahl et al.	Mar. 23, 1920
1,358,568	Moore	Nov. 9, 1920
1,569,742	Goerling	Jan. 12, 1926
1,576,541	Peterson	Mar. 16, 1926
2,075,932	Ehrmann	Apr. 6, 1937
2,494,130	Israelson	Jan. 10, 1950