

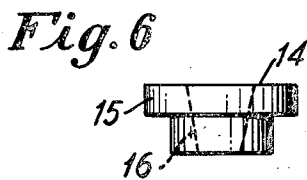
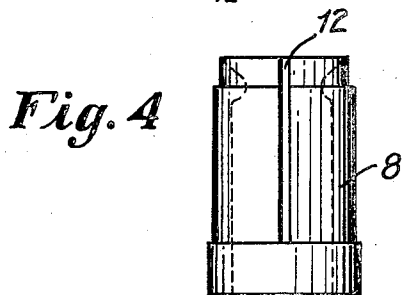
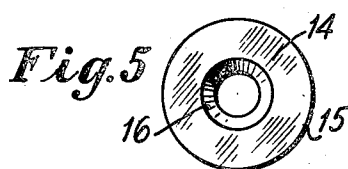
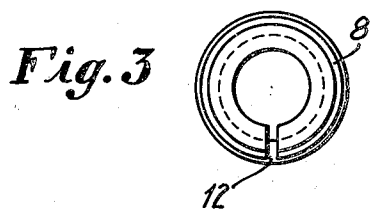
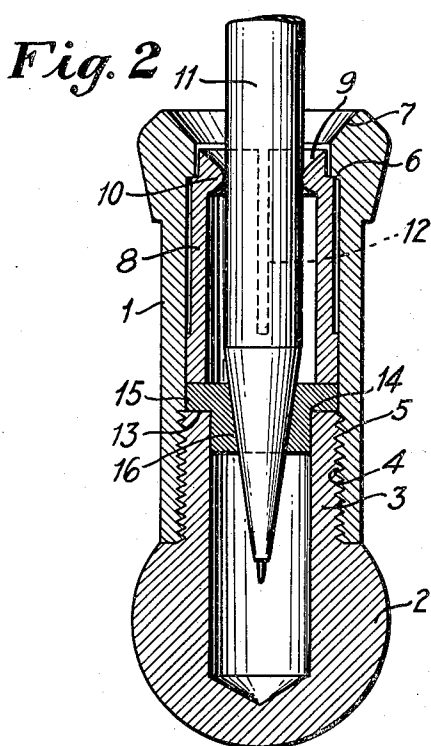
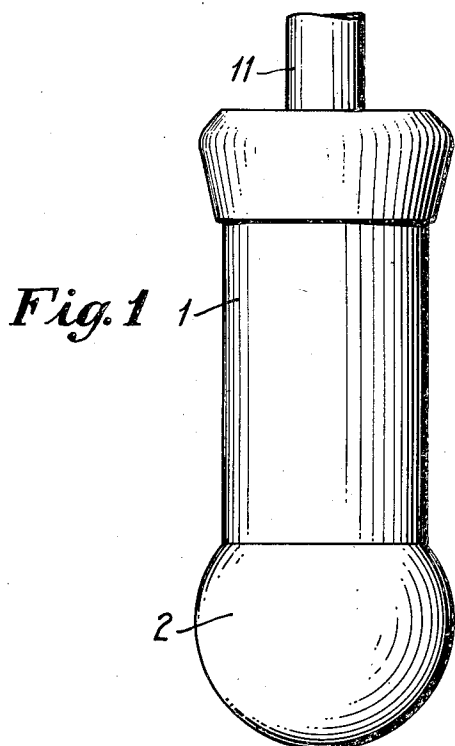
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1,674,260

B. M. PALMER

PENCIL GRIPPER

Filed April 6, 1927



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INVENTOR

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# UNITED STATES PATENT OFFICE.

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## PENCIL GRIPPER.

Application filed April 6, 1927. Serial No. 181,416.

My invention relates to that class of devices described in the application of Walter Guyot, Serial No. 83,857 filed January 26, 1926, and has for its object to provide a device which can be used in a pen receiving receptacle in which means for gripping a pencil is not provided.

My means for accomplishing the foregoing object can be more readily comprehended by having reference to the accompanying drawings, in which—

Fig. 1 is a side elevation of a pen receiving receptacle;

Fig. 2 is a cross-section, showing my device attached;

Figs. 3, 4, 5 and 6 are detail views.

Similar reference numerals refer to similar parts throughout the entire description.

As shown in the drawings, the pen receiving receptacle comprises a cylindrical portion 1 and a ball 2, the ball 2 being provided with a neck or stem 3, upon which are cut threads 4 which are fitted to internal threads 5 cut on the inside of the cylindrical portion 1. An annular shoulder 6 is formed inside of the cylindrical portion 1 and adjacent its upper end, which is provided with a flaring portion 7 to facilitate the entry of a pen.

Within the cylindrical portion 1 of the pen receiving receptacle I mount a slotted sleeve 8, which may be formed of fibre, or of any other material suitable for this purpose. The top of this sleeve 8 is provided with a flaring portion 9, which coincides with the flaring portion 7 on the upper end of the cylindrical portion 1 so as to provide a continuous slant from the outside to the entrance into the pencil gripping device. The sleeve 8 is provided with an inwardly extending annular portion 10, the diameter of which coincides with the diameter of the body portion of a pencil 11. A slot 12 is provided in the sleeve 8, to impart the desired amount of resiliency to the pencil gripping device.

Adjacent the lower end of the pencil gripper 8 and intermediate the end 13 of the neck or stem 3, I mount a stop 12, which is provided with a peripheral flange 14 which rests upon the end 13 of the neck or stem 3. This stop 12 is provided with a central aperture 15 which is tapered to fit the pointed part of the pencil 11.

From this construction, it will be apparent that it is a comparatively simple matter to utilize this improvement. All one needs to do is to unscrew the cylindrical portion 1 of the pen receiving receptacle from the threaded neck or stem 3, when the slotted pencil gripper 8 and the stop 12 can be placed in position within the cylindrical portion 1, and the whole tightened together by screwing the neck or stem 3 into the internal threads 5 on the inside of the cylindrical portion 1. This serves to bind all the parts firmly together, yet a pencil can be very satisfactorily held therein.

Having thus described my invention, what I regard as new, and desire to secure by Letters Patent of the United States, is:

1. A pencil receiving receptacle formed in two parts, an internal shoulder adjacent one end, a slotted sleeve mounted in said receptacle which engages said shoulder, an inwardly extending annular portion at the top of said sleeve which fits the body of a pencil, a stop having a central tapered aperture which fits the pencil point, said stop being held in place by the sleeve.

2. A pencil receiving receptacle formed in two parts, threaded together, an internal shoulder adjacent one end, a slotted sleeve mounted in said receptacle, the top of which engages said shoulder, the top of said pencil receptacle having a flaring portion, the top of said sleeve having a flaring portion which coincides with the flaring portion on the pencil receiving receptacle, an inwardly extending annular portion at the top of said sleeve which fits the body portion of a pencil, a stop having a central tapered aperture which fits the point of the pencil, a peripheral flange on said stop which abuts the lower end of the sleeve and the top of the pencil receiving receptacle, whereby said stop is held firmly in position.

3. A pencil receiving receptacle formed in two parts, having an internal shoulder adjacent one end, a resilient sleeve mounted in said receptacle which engages said shoulder, a stop at the lower end of said sleeve having a central tapered aperture which fits the point of a pencil, an annular portion on said sleeve which engages the body of said pencil.

BERNARD M. PALMER.