

May 8, 1928.

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W. L. CANNIFF
PEN GRIPPING DEVICE
Filed Oct. 16, 1926

Fig. 1

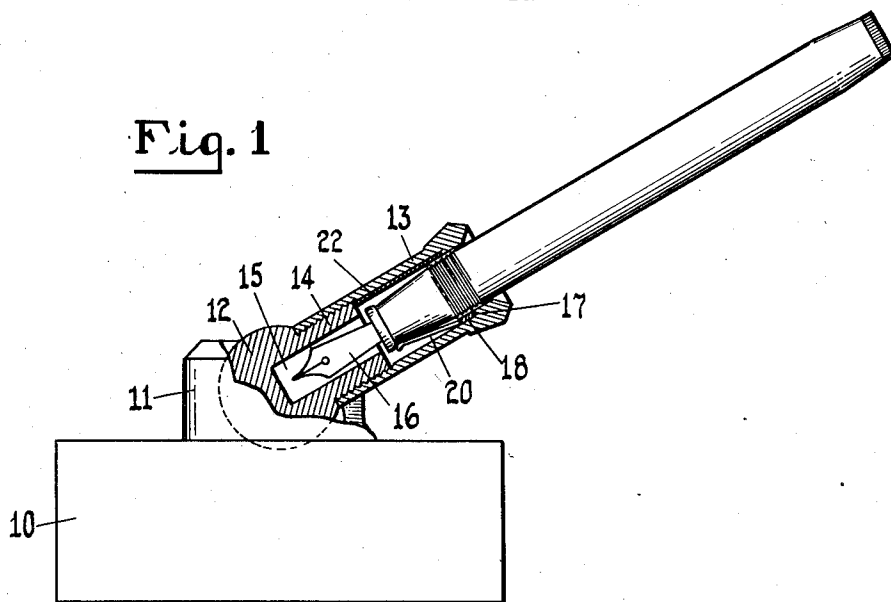


Fig 2

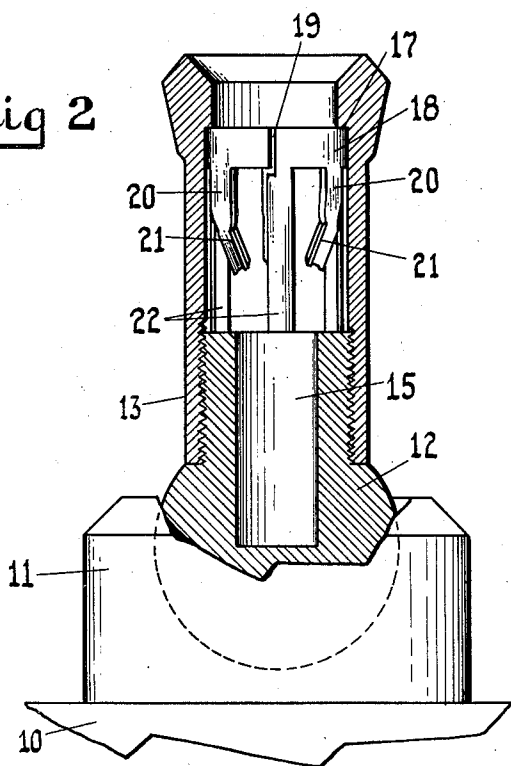
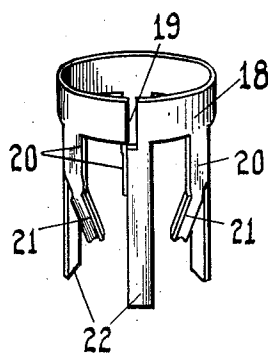


Fig. 3



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WILLIAM LEVI CANNIFF, OF JANESVILLE, WISCONSIN, ASSIGNOR TO THE PARKER PEN COMPANY, OF JANESVILLE, WISCONSIN, A CORPORATION OF WISCONSIN.

PEN-GRIPPING DEVICE.

Application filed October 16, 1926. Serial No. 141,973.

My invention relates to receiving and holding devices for pens, pencils and the like, and particularly to devices that have recently become known as desk sets, in which a pen receiving receptacle is secured to a base, which is selectably positioned on a desk.

The object of my invention is to provide for such a pen receiving and holding means, a gripping device which will be positively and immovably secured in the pen receiving receptacle and which will yieldingly hold the pen in position. This invention is an improvement of the device shown and described in the joint application of Horace L. Blackman and Oscar B. Hjorth, Ser. No. 138,841, filed Oct. 1, 1926. In the Blackman-Hjorth application, they depend upon bosses on the gripping device, entering into recesses in the pen receptacle, to hold the gripper in proper position. My object is to provide an anchoring and securing means for this gripping device which will positively keep it permanently positioned, so that it cannot be displaced by the pressure of the pen when it is inserted therein.

My invention consists of certain details of construction, hereinafter set forth, pointed out in my claims, and illustrated in the accompanying drawings in which—

Fig. 1 shows a side elevation view of a desk set with a pen inserted therein, a portion of same being in section;

Fig. 2 shows a sectional view of the pen receiving receptacle and its means of mounting in the base, the gripper device being shown in full lines properly mounted therein; and

Fig. 3 shows a detail view of the gripping device.

Referring to the accompanying drawings, the reference numeral 10 is used to indicate the base of the desk set; 11, the socket in which is mounted a ball 12 secured on the lower end of a pen receiving receptacle 13. The ball 12 has a stem 14 extending upwardly therefrom, which is screw-threaded to receive and mesh with the screw threads on the base of the pen receiving receptacle 13. The stem 14 is provided with a central opening 15 into which the pen 16 projects when it is inserted and seated in the receptacle.

The pen receiving receptacle 13 has a shoulder 17 formed on the internal wall

thereof and designed for purposes herein-after set forth. The pen gripper comprises an annular portion 18, preferably formed of resilient material and provided with a vertical slot 19. Depending from the annular portion 18 are a plurality of downwardly extending fingers 20 which are bent slightly inwardly. The edges 21 of these fingers, for a portion of their length, are preferably turned back on their edges, so as to present a smooth surface to the pen point section of the pen, to avoid scratching the pen when it is inserted in the gripper. Also depending from the annular portion 18, I have provided a plurality of legs 22 which, by construction, are of the proper length, that when the gripper is inserted in the receptacle, (the upper edge of the annular portion 18 engaging the shoulder 17) and the receiving receptacle 13 screwed down to its seating against the ball 12, the lower ends of the legs 22 will abut the upper edge of the stem 14. This provides for firmly and securely wedging the gripper means into the receptacle. The mounting of the pen gripper and its positioning with relation to the pen receiving receptacle 13 and the stem 14 on the ball 12, and the function of the fingers 20 of the gripper, do not differ from the functions and construction of these parts as set out in the Blackman-Hjorth application above referred to, and therefore will not be further described, as both the Blackman-Hjorth application and this application are owned, by assignment, by The Parker Pen Company, of Janesville, Wisconsin.

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

1. The combination with a pen holding receptacle of a pen gripper formed of resilient material and designed to be inserted in the pen holding receptacle, said gripper comprising an annular member, a plurality of fingers which extend from one side thereof, said fingers being bent slightly inwardly, and a plurality of legs depending from the annular member.

2. The combination with a pen holding receptacle having an internal shoulder adjacent one end of a pen gripper mounted in said receptacle and abutting said shoulder, the said pen gripper comprising a slotted annular portion, a plurality of fingers which

extend from one side thereof, said fingers being bent slightly inwardly, and a plurality of legs depending from the annular member.

3. The combination with a pen holding receptacle having an internal shoulder adjacent one end of a pen gripper mounted in said receptacle and abutting said shoulder, the said pen gripper comprising a slotted annular portion, a plurality of fingers which extend from one side thereof, said fingers being bent slightly inwardly, a portion of the edges of said fingers being turned back, and a plurality of legs depending from the annular member.

4. The combination with a pen holding receptacle of a pen gripper mounted therein, having downwardly and inwardly extending resilient members for gripping the pen point section, and a positioning bar depending from the body of the gripper.

5. The combination with a pen holding receptacle having a ball on one end, there being a neck or stem on said ball, threads cut thereon which are fitted to threads cut on the internal wall of the pen holding receptacle, there being a central opening in said stem into which the pen point may enter of

a pen gripper formed of resilient material mounted in said receptacle, a positioning bar depending from the body of the gripper, its end abutting the upper end of the neck, or stem, on the ball when the parts are in operative position.

6. A pen gripper formed of resilient material comprising a slotted annular portion, a plurality of fingers which extend from one side thereof, said fingers being bent inwardly, and a plurality of legs depending from the annular member.

7. A pen gripper formed of resilient material comprising a slotted annular portion, a plurality of fingers which extend from one side thereof, said fingers being bent inwardly, a portion of the edges of said fingers being turned back, and a positioning bar depending from the annular member.

8. The combination with a pen holding receptacle of a pen gripper mounted therein, having downwardly and inwardly extending resilient members for gripping the pen point section, and a positioning bar depending from the body of the gripper.

WILLIAM LEVI CANNIFF.