May 30, 1950 G. NIIZAWA 2,509,837

WRITING INSTRUMENT

Filed May 11, 1949

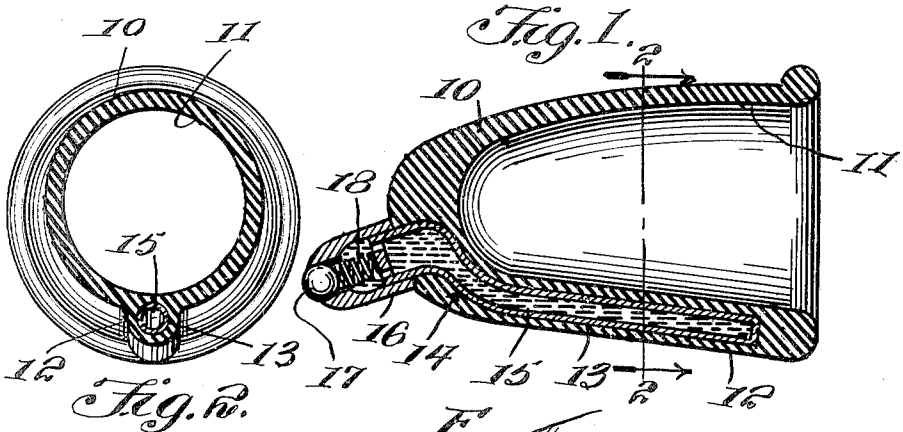


Fig. 2.

Fig. 1.

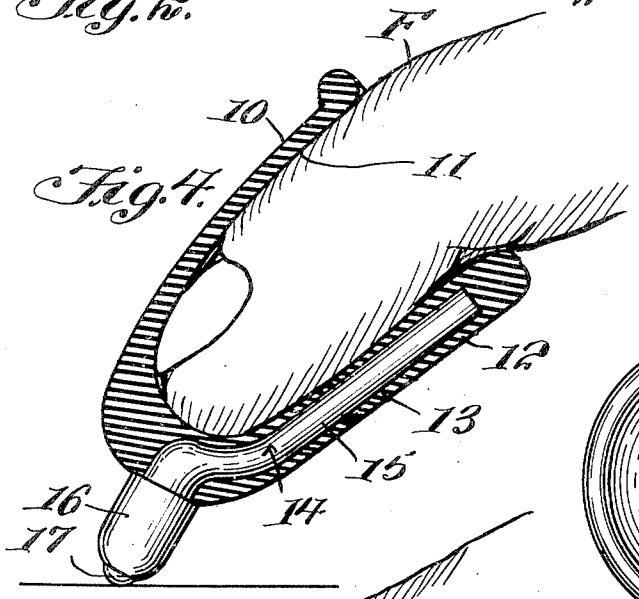


Fig. 4.

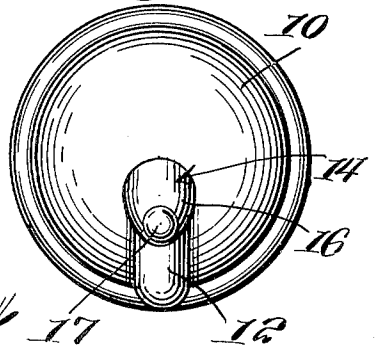


Fig. 3.

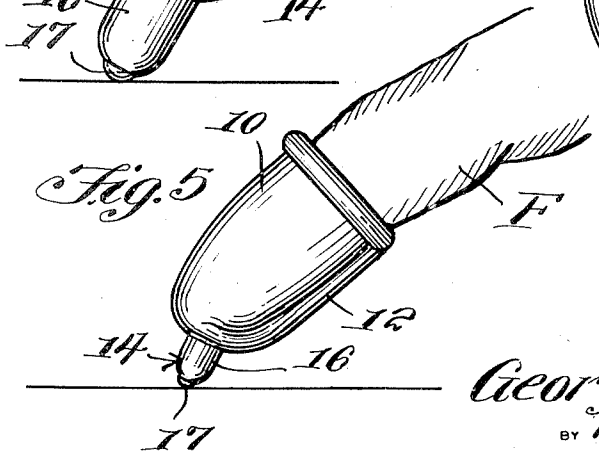


Fig. 5

INVENTOR.

George Niizawa,

BY Victor J. Evans & Co.

ATTORNEYS

Patented May 30, 1950 2,509,837

UNITED STATES PATENT OFFICE

2,509,837

WRITING INSTRUMENT

George Niizawa, Chicago, Ill.

Application May 11, 1949, Serial No. 92,660

1 Claim. (Cl. 120—42.4)

1

This invention relates to a writing instrument, and more particularly to a fountain pen type writing instrument.

The object of the invention is to provide a writing instrument which includes a socket for receiving therein the user's index finger, the writing instrument being provided with a ball pointed ink cartridge whereby the amount of ink emitted is controlled by the pressure applied to the instrument.

Another object of the invention is to provide a writing instrument which includes a socket that is adapted to receive the user's index finger therein, whereby danger of losing or misplacing the instrument is minimized.

A further object of the invention is to provide a writing instrument which is extremely simple and inexpensive to manufacture.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings, forming a part of this application, and in which like numerals are used to designate like parts throughout the same:

Figure 1 is a longitudinal sectional view through the writing instrument, according to the present invention;

Figure 2 is a sectional view taken on the line 2—2 of Figure 1;

Figure 3 is an end elevational view of the instrument;

Figure 4 is a side elevational view of the instrument, with the body member being shown in section; and

Figure 5 is a perspective view showing the writing instrument in use.

Referring in detail to the drawings, the numeral 10 designates a body member which may be fabricated of any suitable material. The body member is provided with an open ended socket or stall 11 for receiving therein the user's index finger, F.

The body member 10 is provided with a shoulder or ridge 12 which extends longitudinally along the bottom of the body member 10. The body member 10 is provided with a recess 13 which extends from the front end thereof. Carried by the body member 10 is a ball pointed ink cartridge 14 which includes a casing or cartridge 15 for holding ink therein. The casing 15 seats snugly in the recess 13 in the body member 10. The cartridge 15 further includes a head 16

2

which carries a movable ball 17 and a spring 18 normally urges the ball 17 to its closed position so that flow of ink through the head 16 is normally prevented.

From the foregoing, it is apparent that a writing instrument has been provided which includes a body member 10 which has a socket 11 therein for receiving the user's index finger F as shown in Figures 4 and 5. To use the instrument, the device is held as shown in Figures 4 and 5, and upon application of pressure to the ball 17 ink flows from the casing 15 and out through the head 16, whereby a continuous flow of ink is insured to the writing paper. The writing instrument is easily slipped onto the index finger F, and the instrument may be left on the finger while other tasks are being performed, so that danger of losing the instrument is minimized. The cost of manufacturing this writing instrument is obviously less than the cost required for manufacturing a conventional fountain pen.

What I claim is:

A writing instrument comprising a body member having a bottom, said body member being provided with an arcuate closed end and having its other end open, the open end of said body member being arranged in communication with a socket, an enlarged ridge extending longitudinally along the bottom of said body member, said ridge having a recess extending therethrough, said recess being substantially straight longitudinally and having its front end open, the front open end of said recess terminating in the closed end of said body member, the other end of said recess being closed and terminating adjacent the rear end of said body member, a hollow elongated ink-holding casing snugly seated in said recess, a head arranged exteriorly of said recess and connected to said casing, and a spring-pressed ball located in said head.

GEORGE NIIZAWA.

REFERENCES CITED

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

UNITED STATES PATENTS

Number	Name	Date
391,199	Seabaugh	Oct. 16, 1888
504,918	Geissinger	Sept. 12, 1893
2,249,163	Nissen	July 15, 1941
2,416,896	Biro	Mar. 4, 1947