

K. KUROSE.
COMBINATION INSTRUMENT.
APPLICATION FILED AUG. 12, 1920.

1,368,944.

Patented Feb. 15, 1921.

Fig. 1

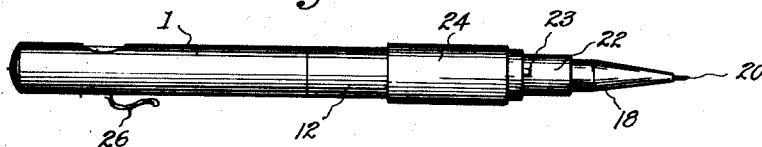


Fig. 2

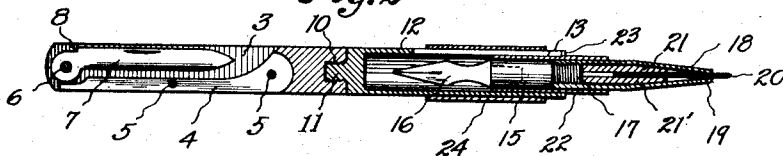


Fig. 3

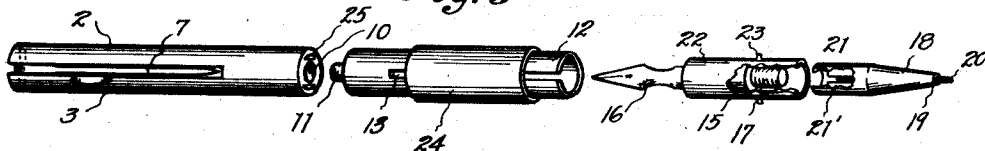
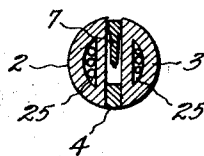


Fig. 4



Inventor
Kaemon Kurose

By

Richard J. Cook
Attorney

UNITED STATES PATENT OFFICE.

KAEMON KUROSE, OF SEATTLE, WASHINGTON.

COMBINATION INSTRUMENT.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, KAEMON KUROSE, a citizen of Japan, and resident of the city of Seattle, county of King, State of Washington, have invented certain new and useful Improvements in Combination Instruments, of which the following is a specification.

This invention relates to improvements in combination instruments, and more particularly to an instrument comprising a knife, pen and pencil, which may selectively be extended to functional position; the principal object of the invention being to provide an instrument of that character wherein the body, or handle portion, serves as a mounting and as a sheath for a knife blade, contains magazines for the storage of leads for the pencil and has a tubular expandible extension affixed thereto wherein a pen and pencil holding head is reversibly mounted and whereon a sleeve is slidably mounted to effect tightening of the sleeve against the head to retain the pen or pencil in position for writing.

In accomplishing the objects of the invention, I have provided the improved details of structure, the preferred forms of which are illustrated in the accompanying drawings, wherein—

Figure 1 is a side view of a combination instrument constructed in accordance with the present invention.

Fig. 2 is a longitudinal section of the same.

Fig. 3 shows in perspective the different parts of the device in a disassembled relation.

Fig. 4 is a transverse section through the handle of the device, showing the lead storing channels.

Referring more in detail to the drawings—

1 designates what I term as the handle portion of the instrument. This comprises two semi-cylindrical side members 2 and 3 which are spaced apart by a spring 4 and are bound together by the usual rivets 5 which retain the spring in functional position.

Pivotaly mounted between the plates 2 and 3 at the outer end of the handle by means of a rivet 6, is a blade 7 having the usual offset shoulder 8 for engagement with the end of the spring to hold the blade properly in place.

At the inner end of the handle is a socket 10 and threaded thereinto is the neck 11 of a tubular extension member 12; the latter being provided at its outer end with a slit 13 which permits this end of the tube to be expanded or compressed, and reversably mounted in the slit end of the tube is a cylindrical head 15 which at one end has a pen point 16 mounted thereon and at its opposite end has a threaded neck 17 whereon the interiorly threaded end of a tapered sleeve 18 is mounted; the sleeve having an opening 19 at its point wherethrough a lead 20 may be projected for writing. The lead is adjustably held within the sleeve between two blocks 21 and 21' which at their inner ends engage the end of the neck 17 and at their opposite ends are wedged within the end of the sleeve against the lead to grip and hold it in any adjusted position.

A sleeve 22 incloses and extends beyond the pencil end of the head 15 and has stops 23 thereon which engage the end of the tube 12 to limit the inward movement of the head.

A collar 24 is slidably mounted about the tubular extension member 12 which may be adjusted downwardly over the slit end to tighten the tube against the head 15 to hold the pen or pencil points properly for writing, or it may be adjusted upwardly to release the head so that it may be reversed to change the writing instruments. It will be noted that one of the writing instruments is inclosed within the tube while the other is in use.

Channels 25 are formed longitudinally within the side members of the handle from the inner ends thereof which may serve as magazines wherein leads for the pencil may be stored, these being closed by the extension 12 when it is threaded onto the handle.

It is apparent that by adjustment of the sleeve 18 outwardly, the blocks 21 and 21' may be loosened from the lead and the latter may be adjusted into or from the opening 19, also that by sliding the collar 24 toward the upper end of the handle, the head 15 will be loosened in its mounting and may be reversed.

The handle may also be equipped with a clip as shown at 26 for fastening the device to the wall of a pocket to prevent its being lost.

Having thus described my invention, what

I claim as new therein and desire to secure by Letters-Patent is—

1. An instrument of the character described comprising a handle portion provided with a socket at one end, a tubular extension provided at one end with a neck that is threaded into said socket, and having a longitudinal slit extending from its opposite end, a head, having writing instruments at its opposite ends, reversibly mounted in said tube to permit one of said instruments to extend therefrom to functional position, and a collar adjustable on the slit end of the tube to tighten the latter against the head to retain the writing instrument in place.

2. An instrument of the character described comprising a handle portion having channels extending longitudinally therein and opening to the inner end thereof, wherein writing leads may be stored, and having a socket at its inner end, a tubular extension member having a neck at one end threaded into said socket so that said extension closes said lead storage channels, said tube having a slit extending longitudinally therein from its outer end, a head mounted in the slit end of the tube having a lead car-

rying extension thereon wherefrom the end of a lead may be extended to writing position, and a collar adjustable on said tube to tighten the latter against the head to retain the latter in place.

3. An instrument of the character described comprising a cylindrical handle portion, a blade pivotally mounted within the handle, a resilient member carried by the handle and arranged to hold the blade in open or closed position, a plurality of lead storage channels extending longitudinally in said handle and opening at the inner end thereof, a tubular extension threaded onto the handle to close the channels, and having a longitudinally extending slit at its opposite end, a head reversibly mounted in the slit end of said extension, having a pen point mounted at one end thereof and a lead carrying magazine at its opposite end wherefrom lead may be adjusted to writing position and a collar slidable on the tube to tighten the same against the lead to hold the writing instruments in position.

Signed at Seattle, Washington, this 6th day of August, 1920.

KAEMON KUROSE.