

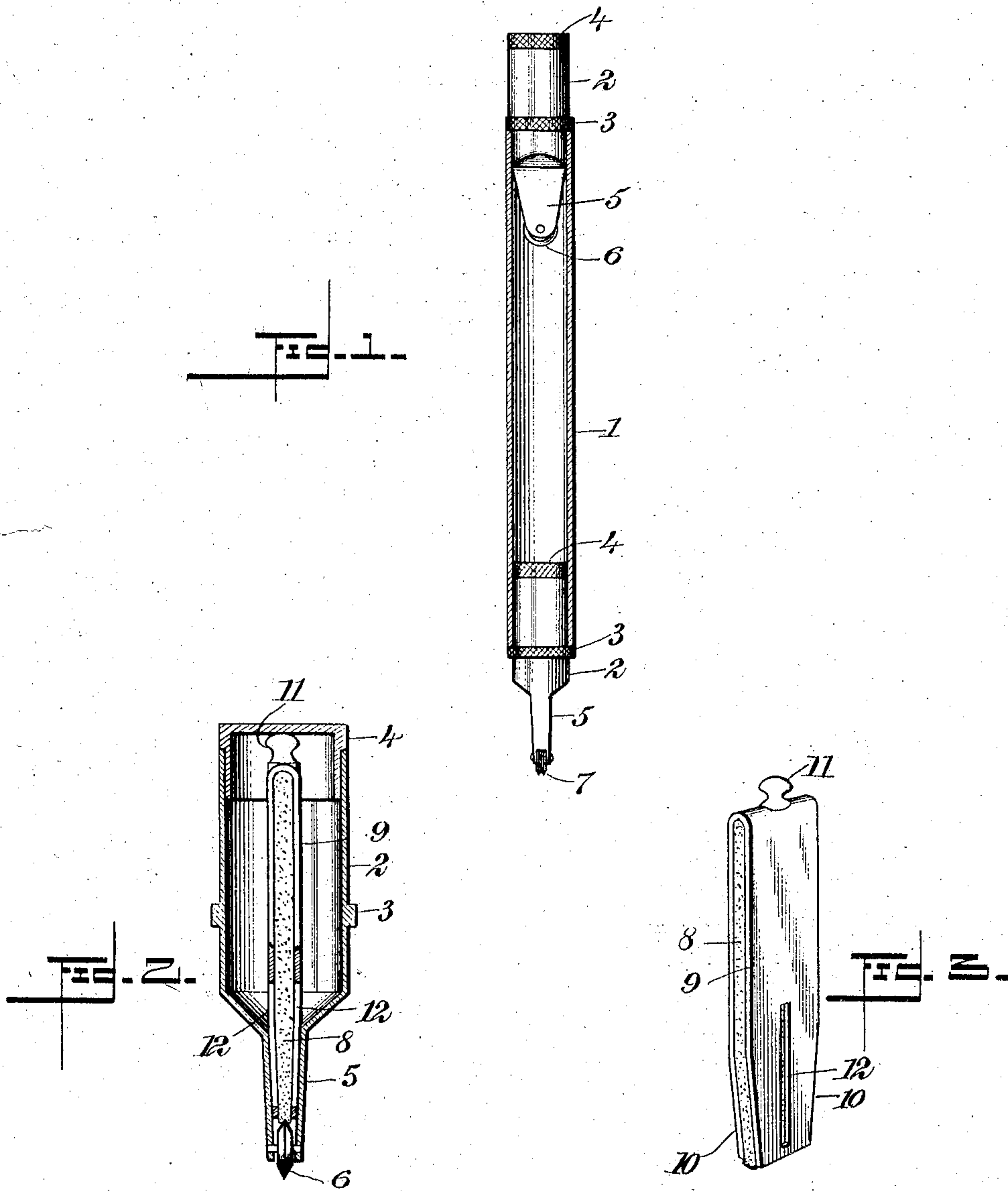
No. 768,504.

PATENTED AUG. 23, 1904.

E. A. BAGBY.
RULING PEN.

APPLICATION FILED DEC. 4, 1903.

NO MODEL.



WITNESSES:

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EUGENE A. BAGBY, OF WINCHESTER, KENTUCKY.

RULING-PEN.

SPECIFICATION forming part of Letters Patent No. 768,504, dated August 23, 1904.

Application filed December 4, 1903. Serial No. 183,728. (No model.)

To all whom it may concern:

Be it known that I, EUGENE A. BAGBY, a citizen of the United States, and a resident of Winchester, in the county of Clark and State of Kentucky, have invented a new and Improved Ruling-Pen, of which the following is a full, clear, and exact description.

This invention relates to improvements in ruling-pens of the marking-wheel type, and is particularly adapted for the use of bookkeepers, the object being to provide a ruling-pen of simple construction having no parts liable to get out of order and in which when not in use the ink will be practically prevented from evaporation or drying out.

Other objects of the invention will appear in the general description.

I will describe a ruling-pen embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal section of a ruling-pen embodying my invention. Fig. 2 is a sectional view of the wheel-carrying and inking devices, and Fig. 3 is a perspective view of the ink-pad holder.

The pen comprises a body holder or handle 1, which is tubular and consists of any suitable material—such, for instance, as metal or hard rubber. While I have shown the body portion as cylindrical, it is to be understood that it may be rectangular or otherwise shaped without departing from the spirit of my invention. Removably and reversibly placed in each end of the body is a wheel-holder comprising a hollow body portion 2 of a size to fit snugly in the body 1, and to limit its inward movement it is provided with an annular collar 3. It is also provided at one end with a removable cap or cover 4. The opposite end or extension 5 of the body 2 is considerably reduced in dimensions as compared with the body 1, and this extension 5 has flat side walls, so that it may be guided evenly along the ruler—that is, prevented from turning while being moved along the ruler—thus causing the marking-wheel 6, carried by the projection, to

make a clear and straight line. This marking-wheel 6 has a thin peripheral marking-surface, and it has its pinion-bearings in perforations formed in the opposite walls of the extension 5. It will be seen that these walls project nearly to the lower periphery of the wheel, so as to prevent ink from passing from the wheel onto the ruler or onto a person's fingers. The wheel (indicated at 6) is constructed to form a single line. The holder at the other end of the body 1 is provided with a wheel 7, constructed to make a double line—that is, it has two peripheral marking-surfaces. The marking-wheel receives its ink from a pad 8, consisting of any suitable absorbent material which will readily give up the ink, and this pad is arranged in a holder consisting of a metal plate 9, bent to form two fingers or sections for engaging on opposite sides of the pad. The ends of the holder members are tapered, as indicated at 10, and the walls of the extension 5 are correspondingly tapered, as indicated at the upper portion of Fig. 1. By this arrangement the holder will be held rigidly in position, and also by tapering the holder and tapering said side walls to engage the tapers of the holder the holder will be prevented from moving too far toward the wheel. The body portion of the holder has a width substantially equal to the diameter of the interior of the body 2, and at its inner end the holder is provided with a finger-piece 11, by means of which it may be readily removed or inserted, and when the cap 4 is in place it will engage on the said finger-piece and secure the holder rigidly in place. The members of the holder are slotted, as indicated at 12, so that a pin or other instrument may be inserted to adjust the pad when necessary. The holder for the pad will preferably be of spring yielding metal, so as to hold the pad firmly.

A ruling-pen embodying my invention will be found very convenient, because it can be readily carried in one's pocket, and by having different forms of ruling-wheels it may be quickly adjusted to use either one of the wheels.

While I have shown wheels for making single and double lines, it is obvious that wheels

may be employed for making other forms of lines, such as dotted lines, waved lines, or the like. It may also be stated that several wheel-holders may be provided for use with one
5 body portion or handle, so that different-colored inks may be used, as desired. When the device is not in use, the holders are to be so placed in the body portion 1 that the wheels are at the inner side of said body portion, and
10 thus the pad will be protected from air that might evaporate the ink.

It is to be understood that a plurality of wheels and wheel-holders may be furnished with the device and when not in use the wheels
15 may be covered by suitable caps to prevent evaporation of ink, and, further, when ruling-wheels with a rough surface are to be used, and which would tear the felt pad, it may be necessary to interpose between the wheel and
20 pad a middle wheel having a smooth periphery, the said middle wheel engaging with the pad through one of the slots in the pad-holder.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

25 1. A ruling-pen comprising a tubular body portion, a ruling-wheel holder removably and reversibly arranged in said body portion, the said holder having a reduced extension flattened at its opposite sides, a ruling-wheel
30 mounted in said extension, and an ink-pad holder removably arranged in the wheel-holder.

2. A ruling-pen comprising a tubular body portion forming a handle, a wheel-holder
35 comprising a tubular body adapted to be inserted in said handle, a reduced extension at one end of said wheel-holder having opposite flattened walls and opposite inclined walls, a ruling-wheel mounted in said extension, a
40 pad-holder comprising two members having

tapered edges to engage with said tapered walls of the extension, and a pad arranged in said pad-holder.

3. A ruling-pen comprising a tubular body portion, a ruling-wheel holder comprising a 45 hollow body portion, a removable cap therefor, the said wheel-holder having a reduced extension, a ruling-wheel mounted in said extension, a pad-holder consisting of a length of metal bent to form two members to engage 50 opposite sides of the pad, a pad arranged between said members, and a finger-piece on said pad-holder adapted to be engaged by the cap on the wheel-holder.

4. A ruling-pen comprising a tubular body 55 or handle, a hollow wheel-holder having a reduced extension having opposite inclined walls, a ruling-wheel mounted in said extension, a pad-holder comprising a length of yielding material bent to form two members 60 for engaging opposite sides of a pad, the said members at the ends being tapered to engage with the said tapered walls, the members of said pad-holder being slotted, a pad arranged between said members, and a finger-piece on 65 said pad-holder.

5. A ruling-pen comprising a tubular handle, wheel-holding devices removably arranged in the opposite ends of said handle, wheels arranged in said wheel-holding devices, 70 and ink-supplying pads arranged in the wheel-holding devices.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EUGENE A. BAGBY.

Witnesses:

R. O. FITCH,
B. F. CURTIS.