(No Model.)

E. J. GILLESPIE.

ROLL PAPER HOLDER AND CUTTER.

No. 492,552. Patented Feb. 28, 1893.

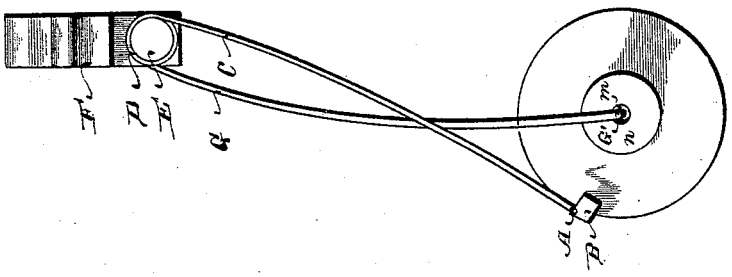

Fig. 1.

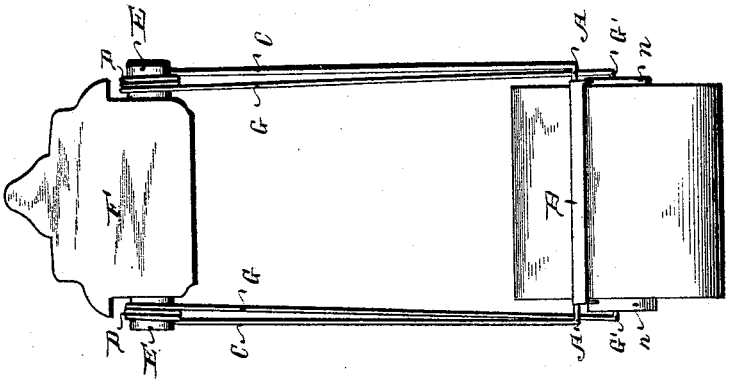

Fig. 2.

Witnesses:
Jesse Heller.
P. C. Masi.

Inventor:
E. J. Gillespie
by E. W. Anderson
his Attorney.

UNITED STATES PATENT OFFICE.

EVANDER J. GILLESPIE, OF SAN JOSÉ, CALIFORNIA.

ROLL-PAPER HOLDER AND CUTTER.

SPECIFICATION forming part of Letters Patent No. 492,552, dated February 28, 1893.

Application filed May 14, 1892. Serial No. 433,069. (No model.)

To all whom it may concern:

Be it known that I, EVANDER J. GILLESPIE, a citizen of the United States, residing at San José, in the county of Santa Clara, State of California, have invented a new and useful Roll-Paper Holder and Cutter, of which the following is a specification.

My invention relates to improvements in roll paper holding and cutting devices.

The object of my improvement is, first, to provide a device especially adapted to holding and cutting toilet and other small roll paper—second, to construct a cutter of one continuous wire so bent and coiled as by its own spring to hold the knife and roll in continuous contact with each other, by the forward pressure of the spring. or third; that shall hold the knife and roll in continuous contact by the rebound of the spring. I accomplish this object by the means illustrated in the accompanying drawings, in which

Figure 1 presents an end view, and Fig. 2 presents a front view.

Similar letters refer to similar parts throughout the two views.

A A. is a collar in the middle of the wire, in length equal to the width of the paper roll and bears the knife B, which is fastened to the collar and rests on the roll. At either end of the collar the wire is turned at right angles forming the knife bearing arms A C.

D is the coil of wire around the journal E of the connecting yoke F and forms the spring that gives tension to the knife on the roll.

G′ G are the return wires forming the roll bearing arms. At *m* the wire turns inward at right angles forming the pivots on which the spindle or core of the roll revolves.

N is the spindle or core.

The wire may be so coiled at D. around the journals E, that the two sets of arms A C. and G′ G will be practically parallel with each other. and the knife and roll be held in contact, by the upward or forward pressure of the spring, but I prefer to carry the roll bearing arms, between and beyond the knife bearing arms, as shown in Figs. 1 and 2—thus securing, first the better tension between the knife and the roll, by the recoil or rebound of the spring—second, better maintaining the pivots *m* in place in the spindle.

I am not aware that any part of my cutter has ever been invented, or used by any one but myself.

What I claim as new, and desire to secure by Letters Patent, is—

1. A roll paper holder and cutter, comprising a continuous piece of wire bent to form a horizontal, knife-bearing portion, knife-bearing arms at substantially right angles to said horizontal portion, roll-bearing arms connected to the upper ends of the knife-bearing arms by spring coils, a knife or cutter carried by said horizontal portion, and a suitable bracket or support having journal portions engaged by said coils, substantially as specified.

2. A roll paper holder and cutter, comprising a continuous piece of wire so bent and coiled as to form a knife-bearing portion, knife-bearing arms, and roll-bearing arms, each pair of said knife-bearing and roll-bearing arms being united at their upper ends by a spring coil, whereby tension is given to the knife in its downward pressure on the roll, the lower portions of said roll-bearing arms passing between and beyond the said knife-bearing arms, a connecting yoke supporting said coils, and a knife or cutter carried by said horizontal portion, substantially as specified.

EVANDER J. GILLESPIE.

Witnesses:
W. E. BEMIS,
M. H. OSGOOD.