

No. 734,932.

PATENTED JULY 28, 1903.

E. OCUMPAUGH.
CHECK PROTECTOR.

APPLICATION FILED FEB. 27, 1903.

NO MODEL.

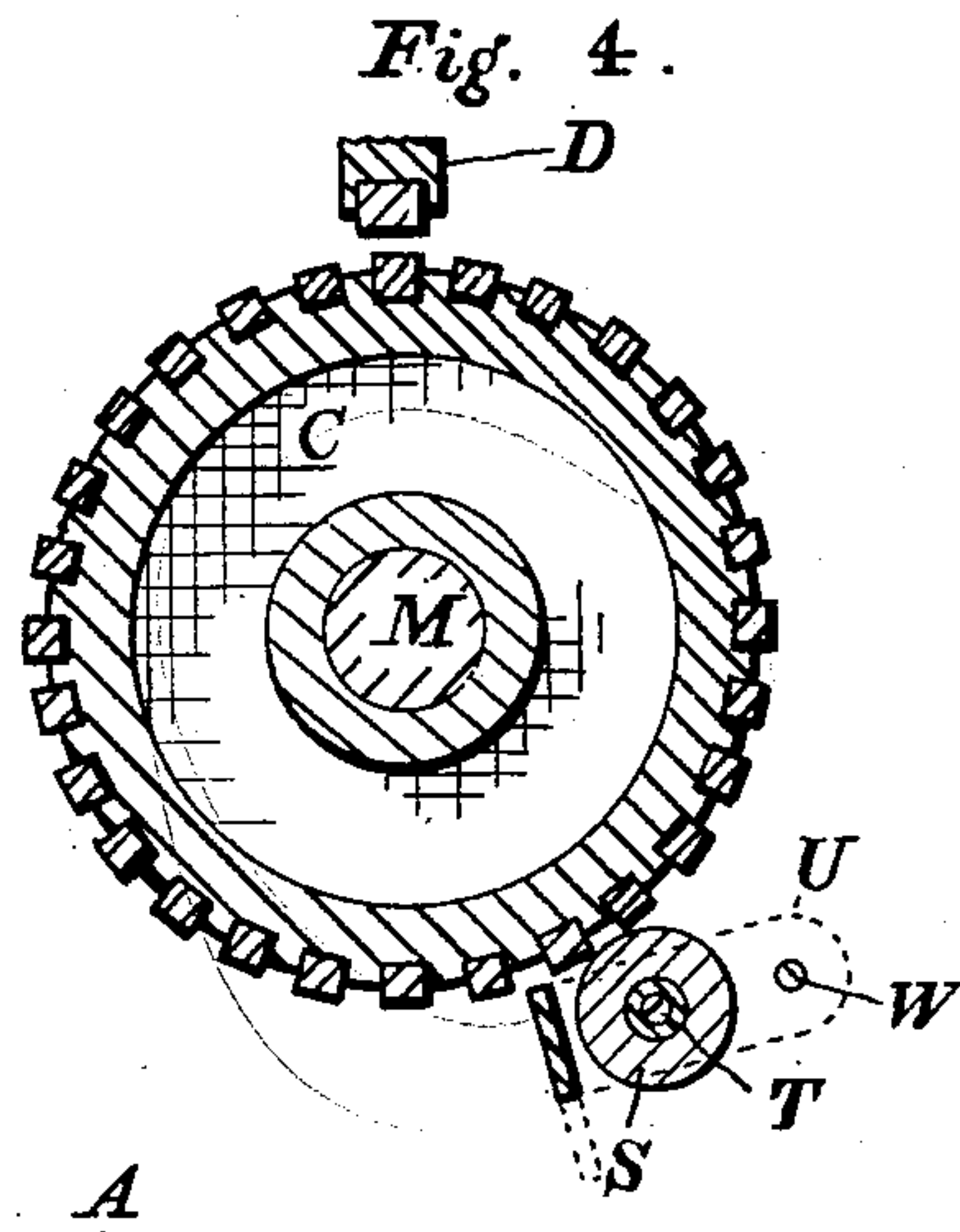
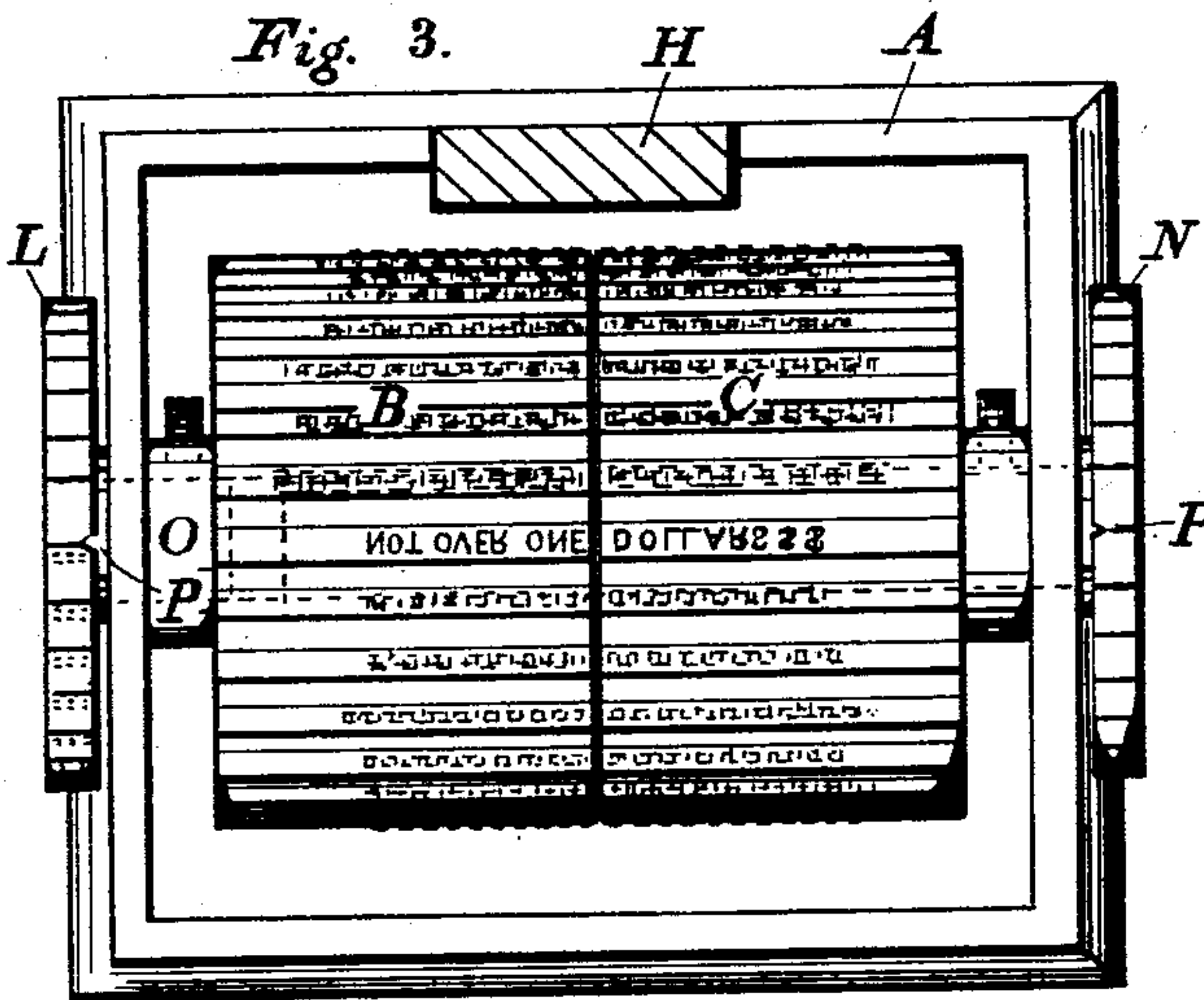
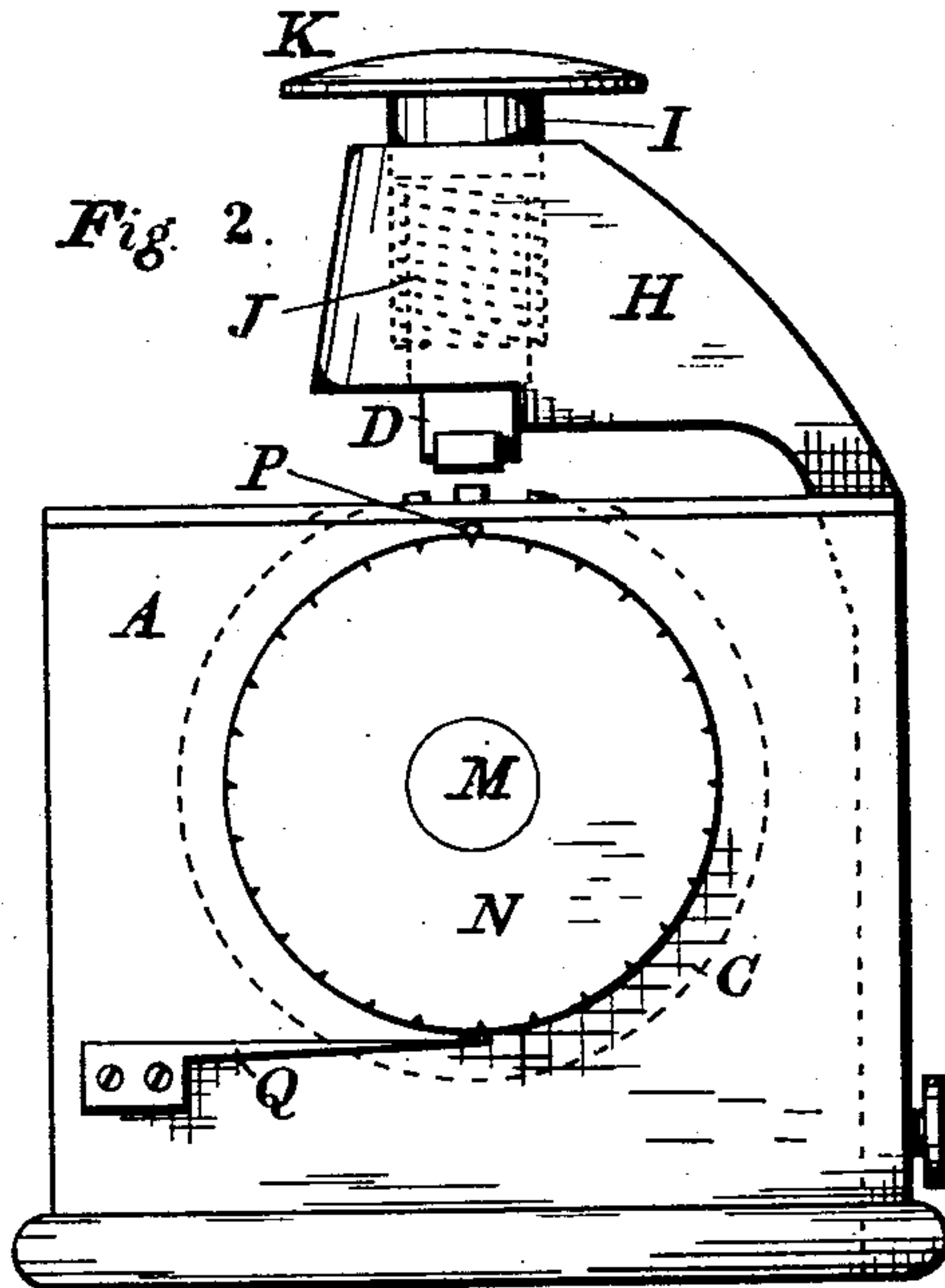
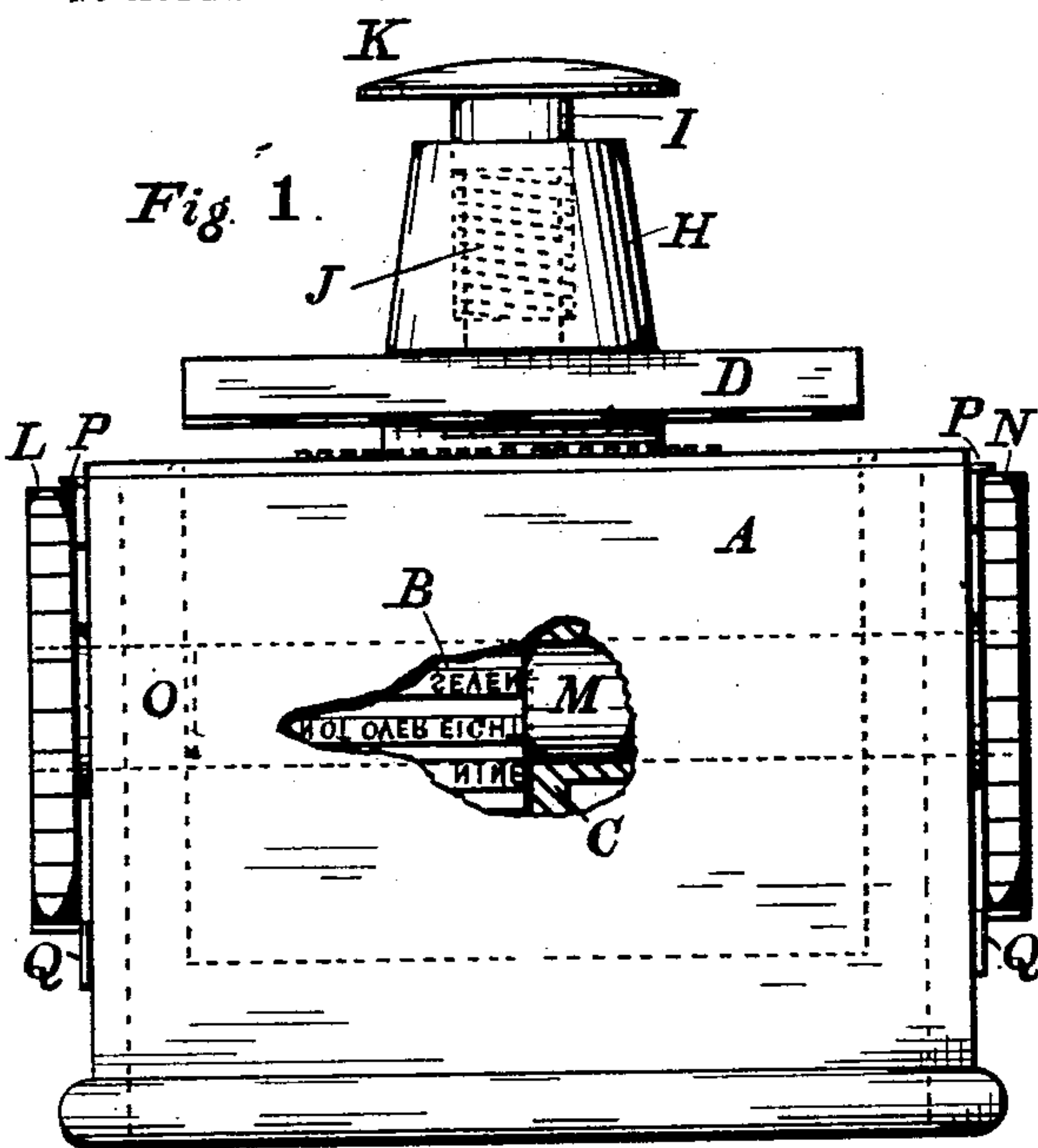
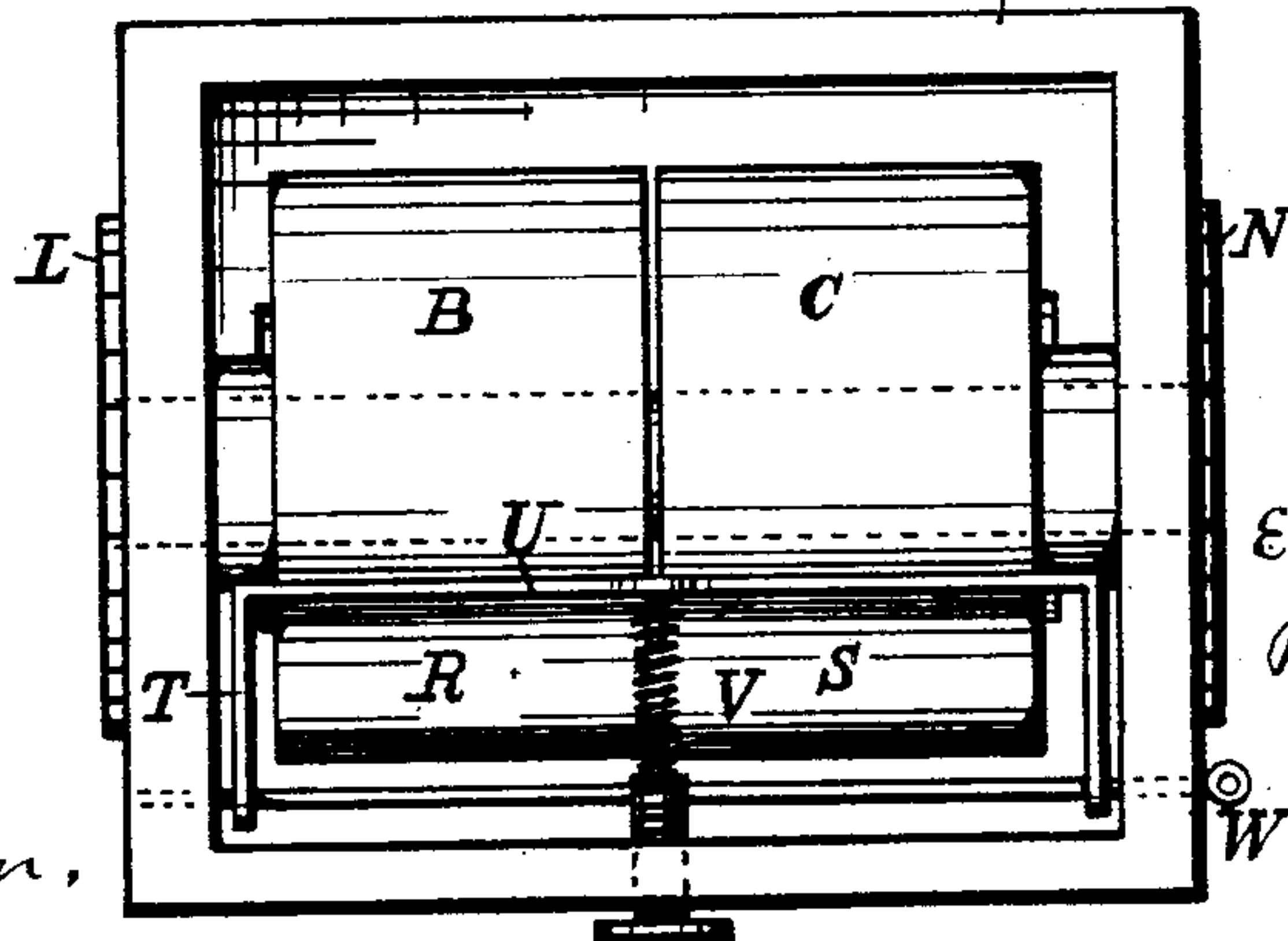


Fig. 5.



Witnesses
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CHECK-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 734,932, dated July 28, 1903.

Application filed February 27, 1903. Serial No. 145,432. (No model.)

To all whom it may concern:

Be it known that I, EDMUND OCUMPAUGH, a citizen of the United States, residing at Rochester, in the State of New York, have invented an Improved Check-Protector, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to certain improvements in check-protectors by which their construction is simplified and cheapened and their range of application increased.

My improvements are fully described and illustrated in the following specification and the accompanying drawings, the novel features thereof being specified in the claim annexed to the said specification.

In the accompanying drawings, representing my improved check-protector, Figure 1 is a front view. Fig. 2 is a side view. Fig. 3 is a plan view of the frame and type-drums. Fig. 4 is a vertical section. Fig. 5 is an inverted view.

My improved check-protector consists, essentially, of the frame A, the two independently-rotatable type-drums B and C, the movable platen D, and the separate inking-rollers R and S. The frame is made of any suitable shape and dimensions, being provided with an arm H, in which the stem I of the platen slides, being normally held in the elevated position by any suitable spring, such as J. The check or other similar instrument to be protected is placed between the platen and the type-drums, being forced against the type by pressure on the knob K on the upper end of the stem of the platen. The words or characters to be impressed on the paper are determined by the positions of the type-drums, which are set for any particular case by means of the indexed dials L and N on the ends of the frame. The type-drums are supported by the shaft M, which passes entirely through the drum C and enters but turns freely in the drum B, the drum C being fastened to the shaft M by a set-screw or other similar device. The drum B is fastened to the shaft O, which passes a short distance into the drum. The indexed collars or dials are fastened on the outer ends of the shafts M and O, and they are provided with pointers P, attached to the frame, and with springs Q,

which hold them and the drums in any position to which they may have been set.

In order to adapt my improved check-protector to use on checks or drafts with increased accuracy, I provide the left-hand drum B with a series of words running continuously from "Not over one" to "Not over twenty," and then running to "Not over one hundred" by "20," "30," &c. The right-hand drum is provided with the word "Dollar" or its mark and with lines of type indicating one, two, &c., dollars up to nine and then with the principal subdivisions of one hundred, after which the drum shows various subdivisions of one thousand, and it may indicate higher numbers. These words and characters are arranged on both drums in progressive order. I also place on the left-hand drum figures running from "1" to "90," indicating one hundred by "C," and on the right-hand drum characters and figures corresponding to the words, indicating one thousand by "M." The drums are provided with longitudinal slots into which the type, which may be made by the electrotpe process, are inserted. The preferred arrangement of the words and characters on the drum is represented by the following example:

B		C		80
1	Not over one	Dollars \$	\$	
2	Not over two	One dollars \$	1	
3	Not over three	Two dollars \$	2	
4	Not over four	Three dollars \$	3	
5	Not over five	Four dollars \$	4	
6	Not over six	Five dollars \$	5	
7	Not over seven	Six dollars \$	6	85
8	Not over eight	Seven dollars \$	7	
9	Not over nine	Eight dollars \$	8	
10	Not over ten	Nine dollars \$	9	
11	Not over eleven	Twenty-five dols \$	25	
12	Not over twelve	Fifty dollars \$	50	
13	Not over thirteen	Seventy-five dols \$	75	
14	Not over fourteen	Hundred \$	C	
15	Not over fifteen	Hundred ten \$	C10	90
16	Not over sixteen	Hundred twenty \$	C20	
17	Not over seventeen	Hundred thirty \$	C30	
18	Not over eighteen	Hundred forty \$	C40	
19	Not over nineteen	Hundred fifty \$	C50	
20	Not over twenty	Hundred sixty \$	C60	
30	Not over thirty	Hundred seventy \$	C70	
40	Not over forty	Hundred eighty \$	C80	
50	Not over fifty	Hundred ninety \$	C90	
60	Not over sixty	Two hund fifty \$	250	95
70	Not over seventy	Five hundred \$	500	
80	Not over eighty	Seven hund fifty \$	750	
90	Not over ninety	Thousand \$	M	
C	Not over one hund.	Hund thousand \$	CM	

It will be observed that by a proper relative arrangement of the drums any of the words or characters on one of the drums may be alined with any of the words or characters

on the other and that thus a wide range of adaptability, with increased accuracy, is produced by my improvements. Thus every number between one and one hundred may be impressed on the paper, and between one hundred and two hundred the system progresses by tens, and it is a matter of common knowledge that it is the smaller class of checks which are most in need of protection.

10 The dials are marked to correspond with the drums, and the pointers indicate the positions in which the dials should be set, so that the desired words may be impressed on the check. To protect, for instance, a check for

15 ninety dollars, the drum B would be turned so that the last line but one in the example and the first line on the drum C would come opposite each other under the platen, when the platen would be forced against the paper

20 and "Not over ninety dollars, \$\$.," printed thereon. For a check of ninety-one dollars the second line from the top on drum C would be employed, and so on. I prefer to use one or more dollar-marks after the words on the

25 right-hand drum.

In order to provide for inking the type as the drums are turned, I provide the inking-rollers R and S, which revolve independently of each other on the shaft T, supported by

30 the pivoted bar U. The rollers are pressed against the type on the drums by a suitable spring, such as V. The bar U is provided with arms, which are pivoted to the inside of the frame on the rod W. The rollers are

35 separated on the same line as the drums, so that each drum has its special inking device. The rollers are so placed relative to the drums that they serve to center the type on the drums and bring them in the proper line under the platen. When any given line of type

40 is central under the platen, the roller on the corresponding drum comes between two of the rows of projecting type on the lower side

of the drum and to a certain degree holds the drum from revolving.

The limiting words "not over" may have various substitutes or they may be omitted entirely. The columns of figures at right and left in the example may be left off of the drums. One of the supporting-shafts may

50 be turned down and pass into a hole in the other.

Various other changes or substitutions may be made in my improved check-protector without departure from the principles herein

55 described.

Instead of being inserted in lines in the drums the type may be made in one piece wrapped around the drum.

I claim—

In a printer, the combination of a frame provided with an extension terminating in an overhanging perforated portion, a stem terminating in a knob passing through said perforated portion, a platen carried by said

60 stem, a spring surrounding said stem, independently-rotatable type-drums in said casing, a shaft supporting both of said drums and having one of said drums attached thereto, a second shaft surrounding said first-

70 named shaft to which said second drum is attached, index-dials mounted on said shafts respectively, a pointer for each of said dials, a frame provided with arms pivoted to the inside of said casing, separate inking-rollers,

75 one for each drum mounted in said frame, and a spring for holding said inking-rollers in contact with said drums, and said drums being provided with projecting lines of type, whereby said inking-rollers serve to stop said

80 drums with one of said lines of type exactly under said platen, substantially as described.

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Witnesses:

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