D. F. MAHER.

TYPE WRITER ATTACHMENT.

APPLICATION FILED JAN. 20, 1909.

946,451. Patented Jan. 11, 1910.

Fig. 1.

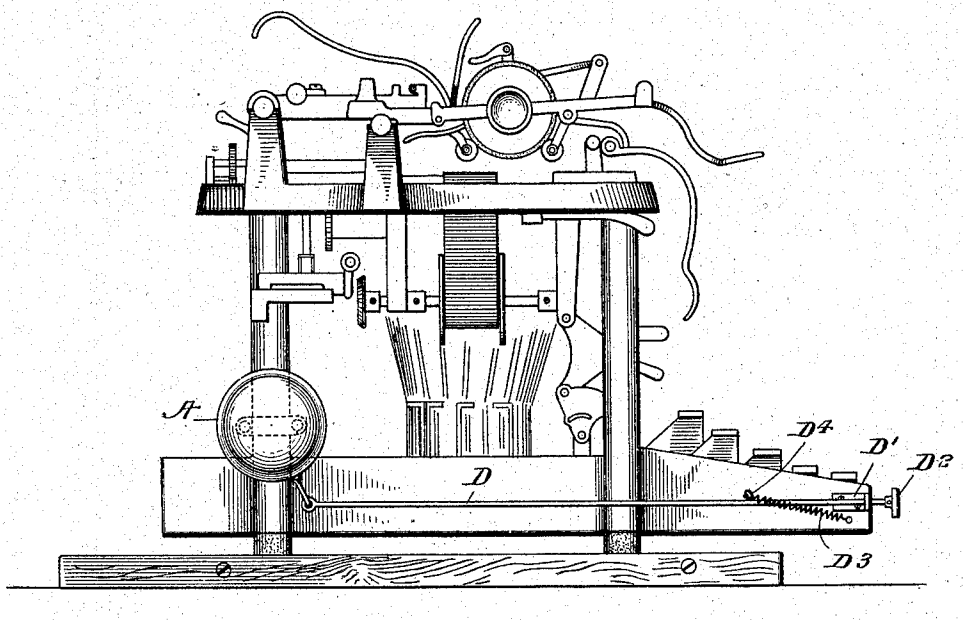


Fig. 5.

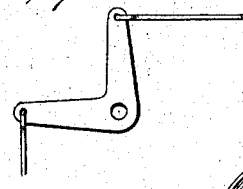


Fig. 2.

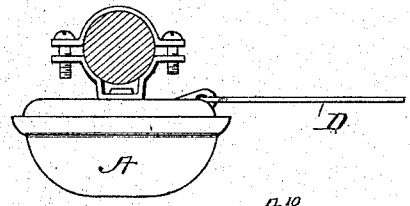


Fig. 3.

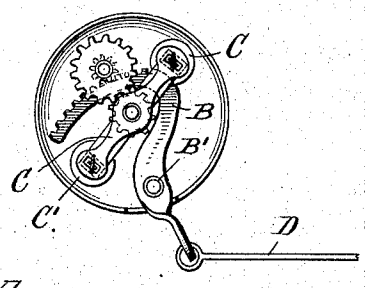
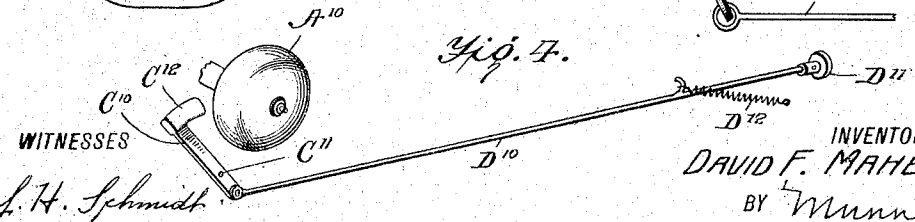


Fig. 4.



WITNESSES

L. H. Schmidt

Percy B. Burpee.

INVENTOR

DAVID F. MAHER,

BY Munn & Co.

ATTORNEYS

UNITED STATES PATENT OFFICE.

DAVID F. MAHER, OF WATSONVILLE, CALIFORNIA.

TYPE-WRITER ATTACHMENT.

946,451. Specification of Letters Patent. Patented Jan. 11, 1910.

Application filed January 20, 1909. Serial No. 473,230.

To all whom it may concern:

Be it known that I, DAVID F. MAHER, a citizen of the United States, and a resident of Watsonville, in the county of Santa Cruz and State of California, have invented certain new and useful Improvements in Type-Writer Attachments, of which the following is a specification.

This invention is an attachment for typewriters being especially designed as a dictator's alarm whereby the operator of the machine may indicate to the person dictating when he may proceed with the dictation; and the invention consists in certain novel constructions and combinations of parts as will be hereinafter described and claimed.

In the drawings, Figure 1 is a side elevation of a typewriting machine provided with my improvements. Fig. 2 is a detail sectional view of the alarm device shown in Fig. 1. Fig. 3 shows in elevation the bell striking mechanism shown in Fig. 1. Fig. 4 is a perspective view of a somewhat different construction from that shown in Figs. 1, 2 and 3, and, Fig. 5 is a detail view of a corner turning device.

It is sometimes desirable to dictate directly to the typewriter operator so that the letter may be written at once without the intervention of a stenographer. In so dictating to the machine, much time is lost both by the person dictating and the typewriter operator and I seek to devise a simple alarm device whereby the operator may indicate to the dictator when the dictator may proceed with the dictation.

In the construction shown in Figs. 1, 2 and 3, the bell A is supported on the framing of the machine, and incloses a striking mechanism including a rack lever B, pivoted at B′, and having a rack segment operating through a train of gears upon a revolving or oscillating hammer carrier C, whose hammers C′ may be moved outwardly by centrifugal action to strike the bell, and the lower arm of the lever B is connected with the rear end of a push rod D, which extends in the direction of length of the machine through a guide D′ near the front of the machine with its push button D^2 in advance of the machine as shown in Fig. 1, or it may be readily operated by the machine operator to push back the lower end of the rack lever B and cause the bell to sound, the return movement of the push rod D being effected by a spring D^3 connected at one end with the machine, and at its other end with a hook D^4 on the push rod.

In the construction shown in Fig. 4, I employ a bell A^{10} supported by the typewriting machine, a lever C^{10}, and a push rod D^{10}. The lever C^{10} is pivoted between its ends at C^{11}, and has at its upper end a hammer C^{12} to strike the bell A^{10} and adapted to fall by gravity away from the bell after the stroke, and the slide rod D^{10} is secured at one end to the lower end of the lever C^{10} and extends thence through a guide on the typewriter, to the front of the machine, and has a suitable button or head D^{11} as shown in Fig. 4, and a returning spring D^{12}.

As shown in Fig. 1, the lever and push rod are located at the side of the machine so they will not interfere with any of the other operations, and the slide rod will be in convenient reach of the operator so the alarm can be sounded without delay at any time. This avoids the necessity of any conversation between the dictator and the operator and the push rod can be quickly operated whenever desired.

Manifestly, the character of the bell may be varied and the particular manner in which the operation of the push rod sounds the bell may be varied without departing from some of the broad principles of my invention.

I claim—

A typewriter provided on its rear standard at one side with a bell, a lever pivoted between its ends and arranged at one end to operate in connection with the bell, a slide rod connected with the other end of the lever, guide devices on the typewriter machine for the slide rod, the latter extending from the lever toward the front of the machine and adapted for operation at the front end of the typewriter machine, substantially as set forth.

DAVID F. MAHER.

Witnesses:

GEORGE P. MARTIN,

E. Y. DOLLENMAYER.