J. R. BOWIE.

TYPE WRITER ATTACHMENT.

APPLICATION FILED APR. 19, 1912.

1,066,372.

Patented July 1, 1913.

Fig. 1

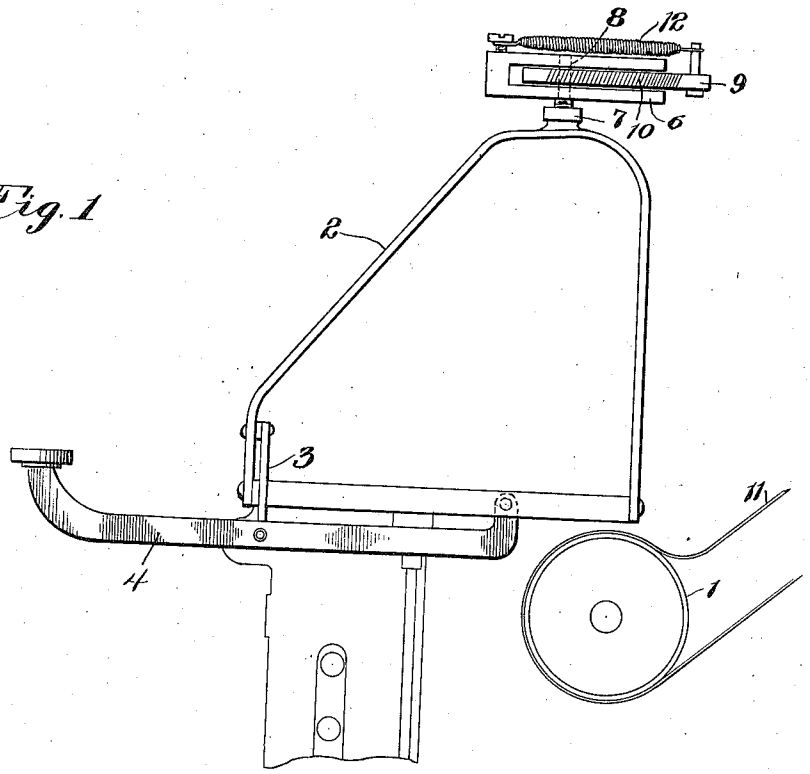
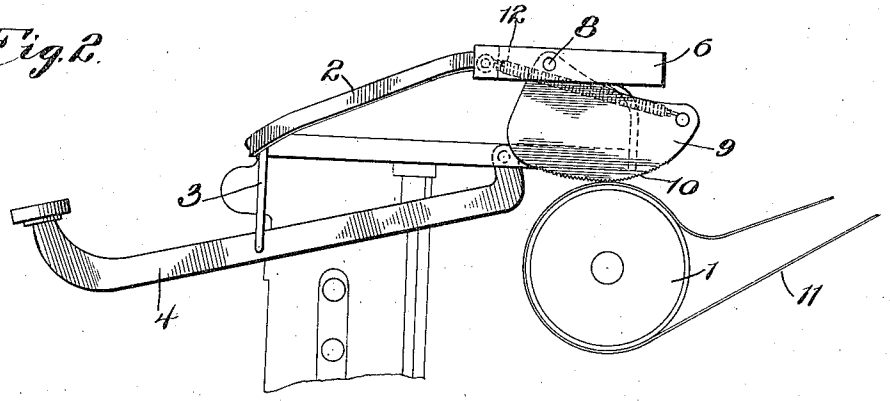


Fig. 2.



Witnesses

Wm. H. Mulligan

E. Brownstone

Inventor

J. R. Bowie.

By Victor J. Evans.

Attorney

UNITED STATES PATENT OFFICE.

JOHN R. BOWIE, OF ELIZABETHTON, TENNESSEE.

TYPE-WRITER ATTACHMENT.

1,066,372. Specification of Letters Patent. Patented July 1, 1913.

Application filed April 19, 1912. Serial No. 691,855.

To all whom it may concern:

Be it known that I, JOHN R. BOWIE, a citizen of the United States, residing at Elizabethton, in the county of Carter and State of Tennessee, have invented new and useful Improvements in Type-Writer Attachments, of which the following is a specification.

This invention relates to typewriter attachments and the object of the invention is to provide a simple key operated device by which erasures may be conveniently made without moving the paper on the platen and without using a hand operated eraser.

Further objects of this invention will appear as the following specific description is read in connection with the accompanying drawing, which forms a part of this application, and in which:—

Figure 1 is a detail elevation of the device. Fig. 2 is a similar view showing the type bar upon which the attachment is secured lowered to bring the attachment into engagement with the platen.

In carrying out this invention, the device has been shown used in connection with an Oliver typewriter which employs the usual circular platen 1 engaged by the type bars 2 which are operated through the links 3 connected to the key bars 4. This attachment may be applied directly to one of the key bars or to an auxiliary bar of the same character arranged at the top of the regular key bars or at the bottom thereof, here shown at the top. The attachment comprises a bifurcated supporting member 6 which is secured to the type bar by means of a standard 7 or in any other suitable manner and carries a pivoting pin 8 upon which is mounted an eraser member 9, preferably constructed as shown of steel with a serrated or file like edge 10 to engage the paper 11 when the key is depressed and wipe out the letter previously formed thereon by one of the type bars. The eraser may be in the form of a disk or cam, as will be readily understood, but must be pivoted eccentrically so that when it engages the paper, it will slide thereover by a further depression of the type bar, as will be readily understood. In order to hold the free end of the eraser member depressed, a spiral spring 12 is connected at this end and to the mounting member, as shown. If found to be necessary, stops may be provided to limit the upward and downward movement of the eraser member. When the key is depressed in the manner of the ordinary type bar key, the bar will be lowered and the eraser member will be brought into engagement with the paper and will wipe across the same so as to erase the letter on the paper. The type bar is returned to normal position in any suitable manner, as by a spring.

What is claimed is:—

1. In combination, a key operated bar, and an erasing attachment carried thereby and operated in the movement of said bar.

2. In combination, a platen, a key operated bar, and an erasing attachment carried thereby and adapted to be brought into engagement with the platen and to wipe over the same in the operation of the bar.

3. In combination, a platen, a key operated bar, an attachment therefor comprising a mounting member carried by the bar, and an eccentrically pivoted erasing member carried by the mounting member and adapted to engage and wipe across the platen in the movement of the bar.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN R. BOWIE.

Witnesses:

CHAS. B. CLARK,

EDWIN G. CARPENTER.