

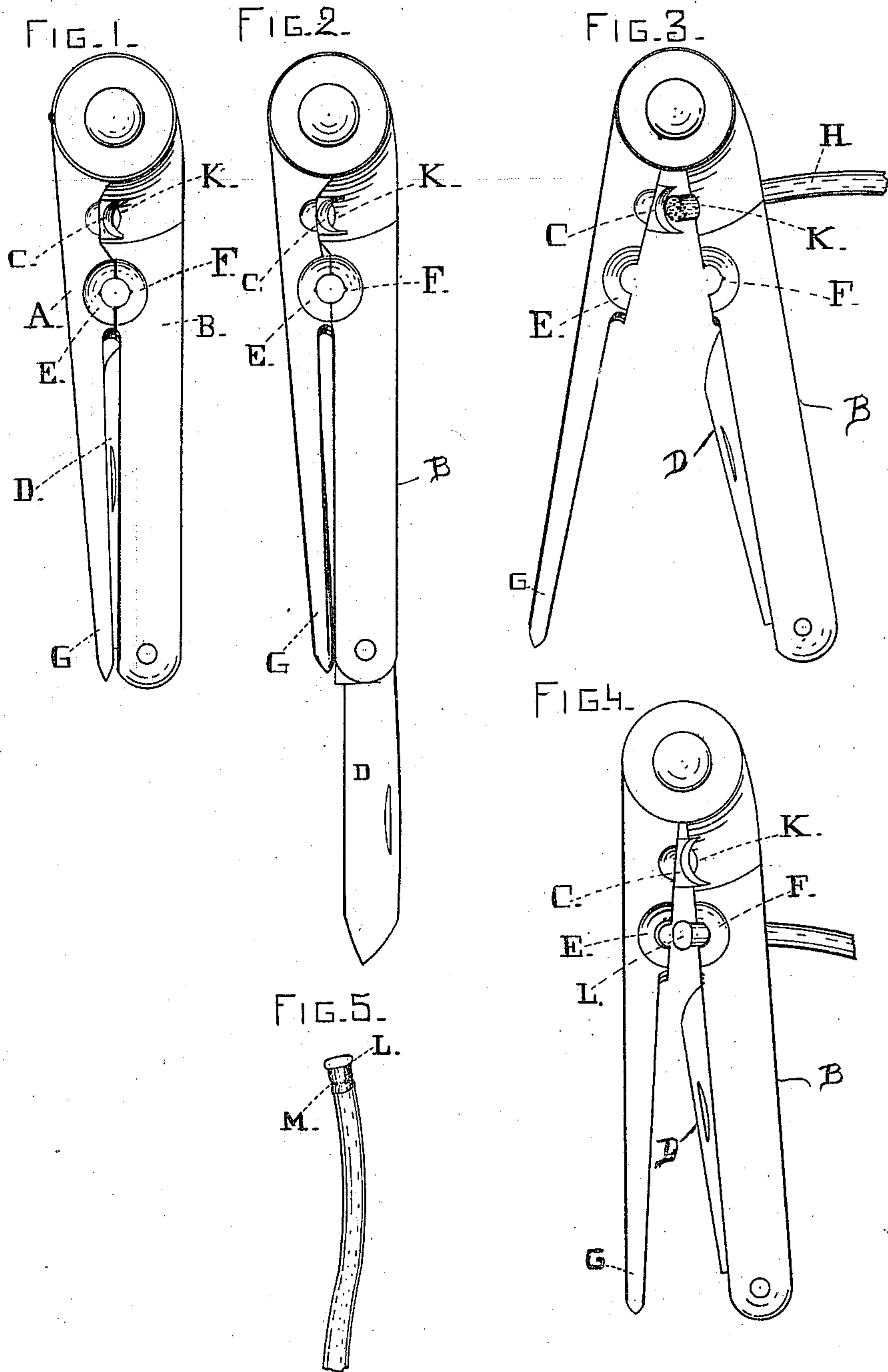
(No Model.)

J. M. MARTIN.

FUSE CUTTER.

No. 318,006.

Patented May 19, 1885.



ATTEST  
L. E. Redstone -  
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# UNITED STATES PATENT OFFICE.

JOHN M. MARTIN, OF SAN FRANCISCO, CALIFORNIA.

## FUSE-CUTTER.

SPECIFICATION forming part of Letters Patent No. 318,006, dated May 19, 1885.

Application filed October 9, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN M. MARTIN, a citizen of the United States, residing in the city and county of San Francisco, and State of California, have invented a new and useful Fuse-Cutter, Capper, and Setter, of which the following is a specification.

My invention relates to improvements in a combined fuse-cutter, cap-setter, cartridge punch and trimmer. It will be readily understood by reference to the accompanying drawings and the letters marked thereon.

Figures 1, 2, 3, and 4 are elevations of my improved instrument, showing the same in different positions. Fig. 5 shows a short piece of fuse with the cap set upon it.

A represents the lever or part of the handle forming the punch, and to which the fuse-cutting blade C is pivoted. It also contains the part E of the cap-setter.

B represents the lever or part of the handle in which is formed the cutter K, to operate in conjunction with the cutter C in cutting off the fuse. It also forms the handle for the knife-blade D, which is employed for slitting the cartridge for use. It also holds the part F of the cap-setter.

G represents the part of the lever A which forms the cartridge-punch.

H represents the fuse, and J the cartridge.

In Fig. 1 the instrument is shown shut up, ready to place in the pocket. In Fig. 2 it is shown with the knife-blade opened out, ready for use in slitting the cartridge. In Fig. 3 it is shown with the fuse between the cutters C and K to be cut off. In Fig. 4 it is shown with the cap on the end of a piece of fuse, and between the two sides E and F of the cap-setter, ready to be set fast upon the end of the fuse H.

Fig. 5 shows a piece of fuse H, with the cap L set fast by the crease M, which has been formed in the same by means of the cap-setter E and F.

The following is the operation of the same: I take the fuse and place the end between the cutters C and K, as shown in Fig. 3, and bring the levers A and B together, cutting it smoothly off. The cap L is then placed upon the smooth-cut end of the fuse H, and the fuse is brought up and the cap L held in the position shown in Fig. 4. The levers A and B are then brought together, crimping the cap L in upon the fuse H, forming the groove M, as shown in Fig. 5, thus gripping the fuse firmly. The cartridge is then punched in the usual way by means of the punch G. The cartridge J is then slitted in the usual manner with the blade D. The levers A and B are at the same time brought together so as to form a neat handle, as convenient of use as an ordinary knife-handle.

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

The combination implement described, comprising the levers A B, pivoted together at one end, the lever A having the punch G at its free end, the cutting-blade C, located adjacent to its pivoted end, and the part E, located just below the cutting-blade, and the lever B, having the cutting portion K to receive the knife C, and the part F, located below the same and adapted to register with part E, and the blade D, located in the lower end of the lever B, as set forth.

JOHN M. MARTIN.

Witnesses:

JOHN H. REDSTONE,  
L. E. REDSTONE.