H. KAHN.

Gun Charger.

No. 108,359. Patented Oct. 18, 1870.

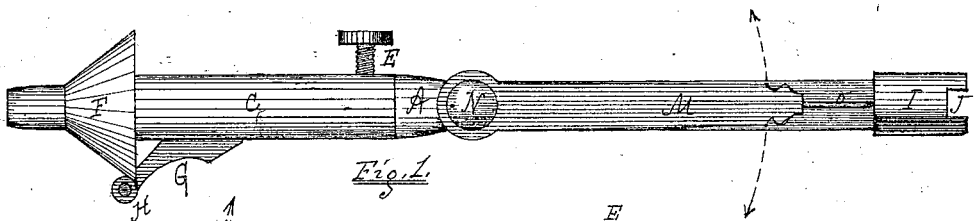

Fig. 1.

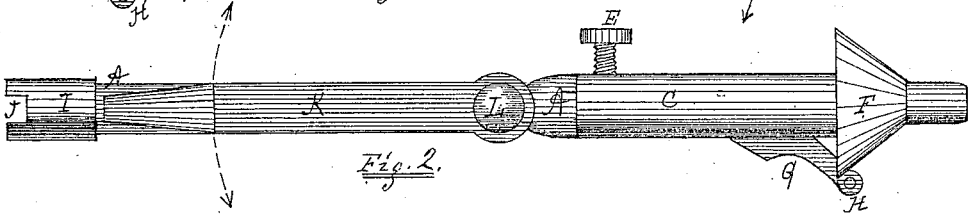

Fig. 2.

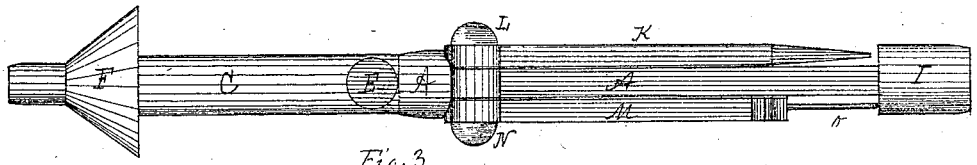

Fig. 3.

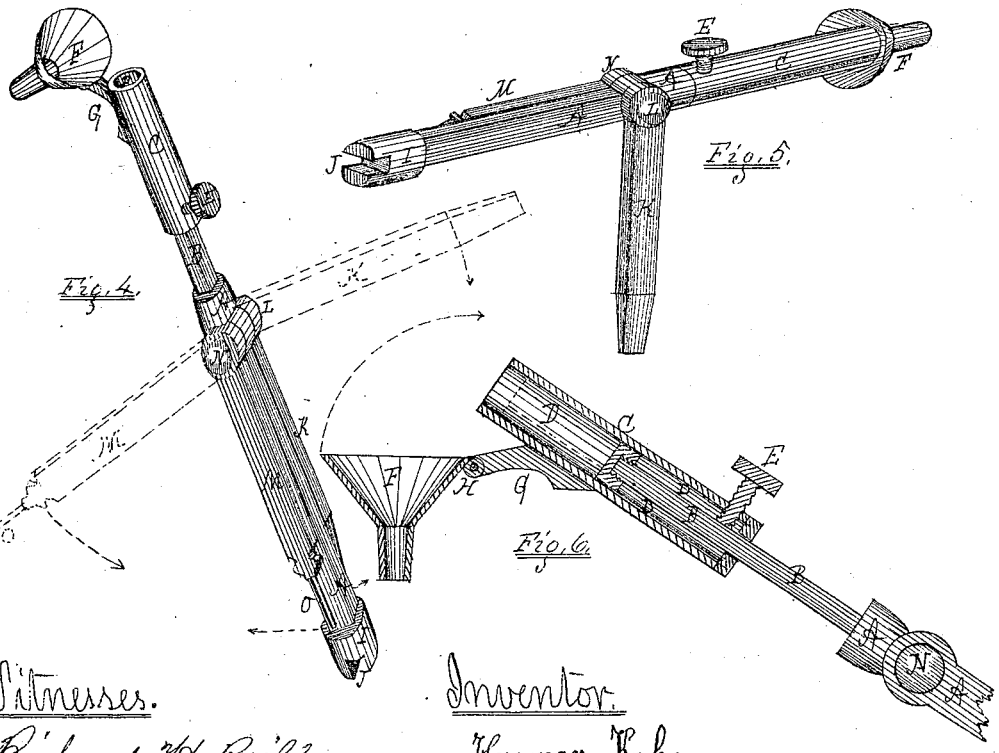

Fig. 4.

Fig. 5.

Fig. 6.

Witnesses.

Richard H. Reille

Hiram Markstone

Inventor.

Herman Kahn

United States Patent Office.

HERMAN KAHN, OF TROY, NEW YORK.

Letters Patent No. 108,359, dated October 18, 1870.

IMPROVEMENT IN GUN-CHARGERS.

The Schedule referred to in these Letters Patent and making part of the same.

I, HERMAN KAHN, of the city of Troy, in the county of Rensselaer and State of New York, have invented a new and improved Implement for the Use of Gun-smiths, Gunners, Sportsmen, and others using guns, rifles, pistols, and other weapons of a similar nature, of which the following is a specification.

The nature of my invention consists in the construction of a stock, having at one end an arrangement consisting of a cylindrical tube sliding on a bar so arranged that that the space within the cylinder can be enlarged or reduced as required, and fastened in its position by a suitable screw. The bar on which this cylinder slides, being a part of the stock of the implement, and the object of this hollow cylinder is to measure the charge for a gun or similar weapon, and regulate the quantity of powder, &c., required.

It also consists in the construction of a funnel attached to the above-mentioned sliding tube so arranged that the charge may be readily emptied into a gun without spilling or otherwise losing any of the particles.

It will be seen that the implement is a combination of tools all useful in the management and use of guns, and similar weapons, and when thus combined forms one useful and convenient implement for the many purposes to which it is adapted.

Description of the Accompanying Drawing.

Figure 1 represents a side elevation of the implement, complete.

Figure 2 represents an elevation of the opposite side.

Figure 3 represents a horizontal view or plan.

Figure 4 represents a perspective view of the implement, complete, and showing the cylinder drawn out partially, as it might be when occupied by a charge of powder, &c. The funnel turned partially over, dotted lines showing the manner in which the vent-cleaner is rendered convenient to use..

Figure 5 represents a perspective view, showing the screw-driver turned out ready for use.

Figure 6 is a section of a part of the implement, showing the charge-measurer and its connections, and the funnel turned over.

General Description.

Like letters refer to like or corresponding parts, arrows on the drawing show the direction in which the several parts may be moved, and dotted lines show their probable position when moved.

A is the stock, to which the other parts are attached and upon which they work, and which forms the handle for them all.

This stock I usually make of steel, but any other suitable metal will answer; and I form the stock in suitable shape to receive the other parts, as shown.

B is the part of the stock upon which the cylinder moves, and upon which marks may be made to designate the proper distance to slide the cylinder to give the proper measure of charge. This part, B, I construct sectionally square.

C is the cylinder.

D is the space within.

E is the screw which holds the cylinder in position.

F is the funnel attached to the cylinder C by means of the connection-piece G.

The funnel turns upon the rivet H, which, with the connection-piece G, forms a hinge.

The cylinder, funnel, and connection-piece I usually construct of brass, but other metal may answer as well.

At I is the wrench, which is an enlarged part of the stock, provided with an indentation on its face, at J, suited to its purpose.

The stock A forms the handle thereof, and when more power is required, the screw-driver and vent-cleaner may be opened out, as shown by dotted lines in fig. 4, so as to form a handle.

K is the screw-driver, which I prefer to construct of steel, and which I give a proper shape.

I connect it with and to the stock A by means of the screw, bolt, or rivet L, which also answers as a pivot, allowing the screw-driver to turn for use.

Then, the stock A forms an excellent handle thereto, and one whereby considerable power may be applied.

M is the vent-cleaner, which is connected to and combined with the stock A, by the screw, bolt, or rivet N, precisely similar to the screw-driver K, with which it corresponds. At the opposite or lower end I reduce the size, bringing it down to the dimensions required for entering the vent or aperture in the nipple of a gun or similar weapon, so that it may enter and punch out and so clean it, as required. This reduced point is marked O.

The stock A also forms the handle thereof, as in the case of the screw-driver.

It will thus be seen that several of the necessary tools required in the use of a gun are combined in one serviceable implement and one well adapted to the several purposes for which a number of tools have been heretofore found necessary.

Claims.

I claim as my invention—

1. The hollow tube or cylinder C, in combination with the stock A, substantially as and for the purpose described and set forth.

2. The funnel F, in combination with the cylinder C, substantially as and for the purpose described and set forth.

HERMAN KAHN.

Witnesses:

RICHARD H. REILLE,

ABRAM MARKSTON.