

RICHARD PAULSON.

Improvement in Percussion Cap Carriers.

No. 119,879.

Patented Oct. 10, 1871.

Fig. 1.

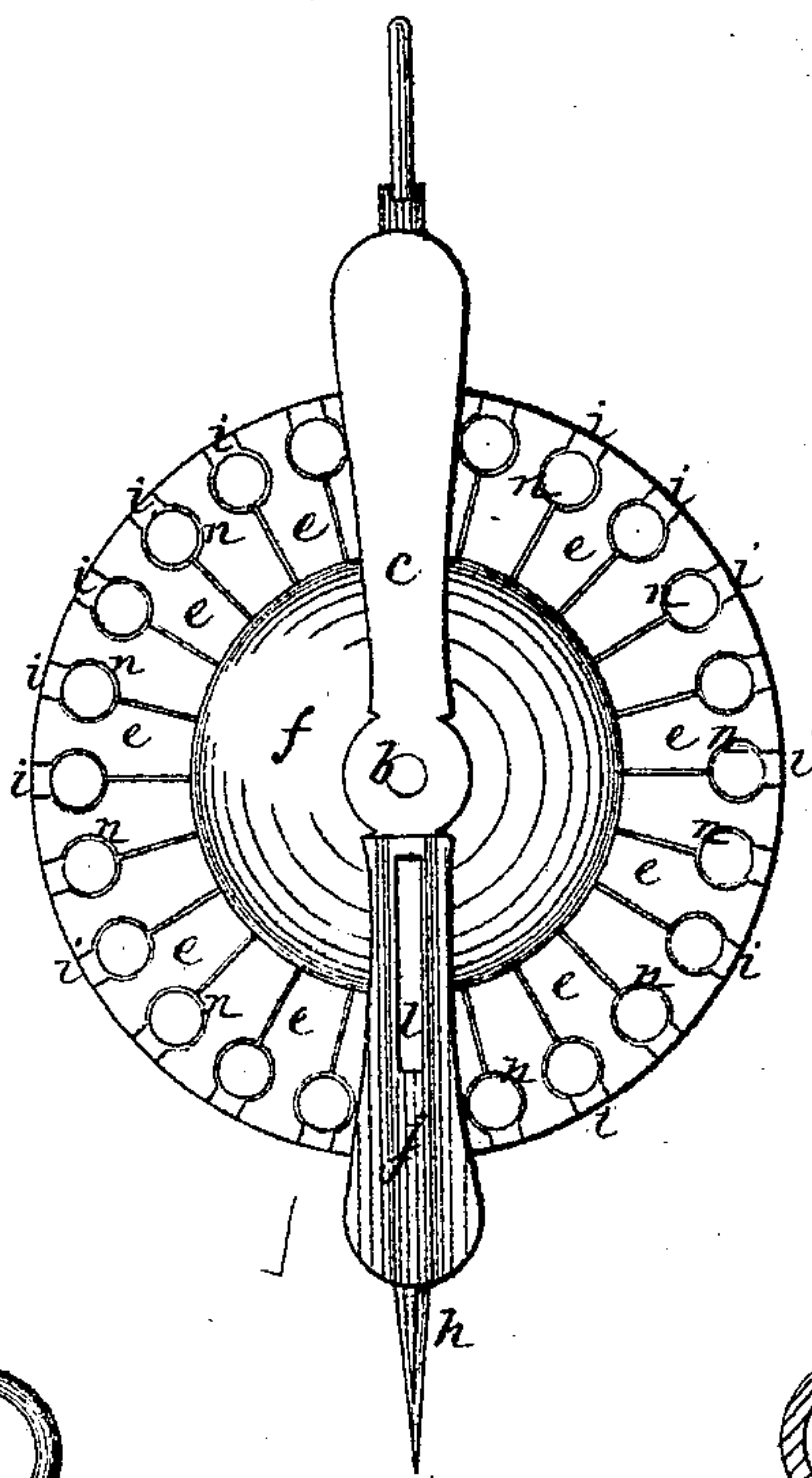


Fig. 2.

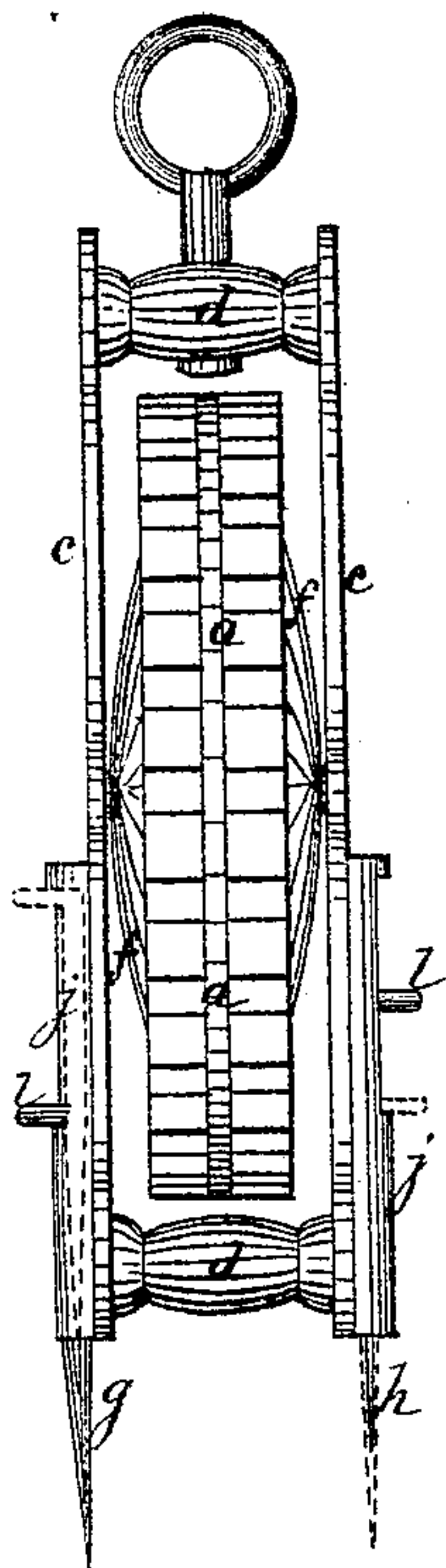
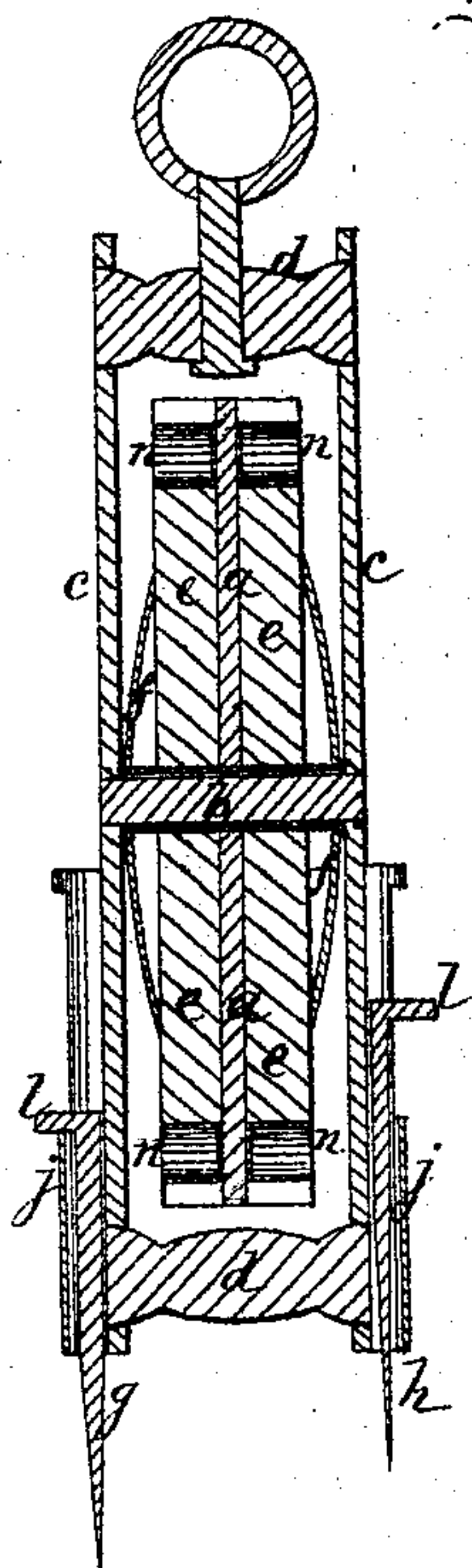


Fig. 3.



Witnesses:

A. W. H. Johnson
M. Hamilton Johnson

Inventor:

Richard Paulson

UNITED STATES PATENT OFFICE.

RICHARD PAULSON, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN PERCUSSION-CAP CARRIERS.

Specification forming part of Letters Patent No. 119,879, dated October 10, 1871.

To all whom it may concern:

Be it known that I, RICHARD PAULSON, of the city of Washington, in the District of Columbia, have invented a new and useful Improvement, being a Sportsman's Capping and Cleaning Implement, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation of a sportsman's device embracing my invention. Fig. 2 represents an edge view; and Fig. 3, a vertical section of the same.

The device consists of a thin plate-disk, *a*, mounted upon a center-pin or axis, *b*, between two metallic strips, *c*, united together at their ends by cross-pins *d*, and which constitute the frame. On one or both sides of this plate-disk I place a leather disk so as to be turned upon the axis with the middle disk. These leather disks are formed of a series of radial sections, *e*, and near their circumference are provided with annular recesses, *n*, located at the junction between each radial section *e*, for the purpose of receiving and holding caps so that their open ends will be outward and in position to be fitted upon the nipple. At the circumference of the radially-divided disk an open space, *i*, is left at the junction of each section *e* to allow the cap to be withdrawn from its seat, and for this purpose each section or part of the holding-socket *n* must be free to be spread open to allow the cap to be drawn radially from its clamped seat. The depth of these cap-seats *n* should be equal to the length of the cap, so as to prevent the latter from protruding and catching into the clothes. These cap-holders *e* are secured between two metal disks, *f*, simply to hold them against the central disk *a* and between the side strips *c*.

I have represented and described a cap-supply disk composed of leather sections which yield to open the cap-seat *n* and close of their own force; but it is obvious that the cap-seats or sockets may be formed in a series of spring-arms secured to a hub. It is also obvious that the caps may be arranged in a double as well as single rows, so long as their open ends may be fitted upon the nipple and then drawn from

its seat. The cap-supply disks are arranged to turn upon their axis to allow the circle of the caps to be complete and used without hindrance from the side frames. One pair of arms of this frame may be provided each with a cleaning-pin, *g h*, secured in slotted sockets *j*, so as to be moved in and out as required by thumb-knobs *l*, whenever it may be necessary to use either one or the other for cleaning the nipple or removing an exploded cap from the joint. These attachments are very useful in connection with the capper, and render the device very convenient for sportsmen's use.

It should be observed that it is important that the central disk be made of metal or some rigid material, so as to resist the pressure of the operator's hand in the act of applying a cap to the nipple, and that the cap-seats should be of a depth equal to or greater than the length of the caps to be used, in order to form a good hold for the latter, and thus obviate the necessity of providing an outer retaining-disk or cover to prevent the dropping or loss of the caps and their catching into the clothes. It is also of advantage that the retaining-arms or sections *e* be held close to or against the disk *a*, which effect is obtained by the outer confining-disk.

The device may be suspended to a button or carried in the pocket, and the cap-cells may be readily refilled when empty by simply inserting the caps therein from the side.

I prefer to make the cap-holders of leather as being cheap and suitable for the purpose, in which case each section must have sufficient play between the others to allow the cap to be withdrawn from its seat.

Having described my invention, I claim—

1. A cap-supplying device for sportsmen's use, consisting of a series of cellular spring cap-seats, *n*, arranged in a row or rows on one or both sides of and against a rigid disk, *a*, and in positions, as shown, to be readily applied to the nipple of the arm, essentially as described.

2. The radial section *e* of the cap-seats, having a depth equal to or greater than the length of the caps, and held in rigid contact against a metal plate which forms the backs of the seats,

so that the latter will enclose them and shield the caps and prevent their dropping out or loss, and the necessity for outside covers, as described.

3. The sectional disks or spring-arms secured between a rigid central disk-plate, *a*, and two outer disks, *f*, and supported between side arms *c* upon an axis to allow the cap-carriers to turn thereon, as described.

4. The arrangement and combination of the cleaning-pins with the arms of the frame and the cap-holder, as described.

RICHARD PAULSON.

Witnesses:

A. E. H. JOHNSON,

J. W. HAMILTON JOHNSON,

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