

No. 629,768.

Patented Aug. 1, 1899.

M. CAMPBELL.

CURRYCOMB.

(Application filed Mar. 8, 1899.)

(No Model.)

Fig. 1

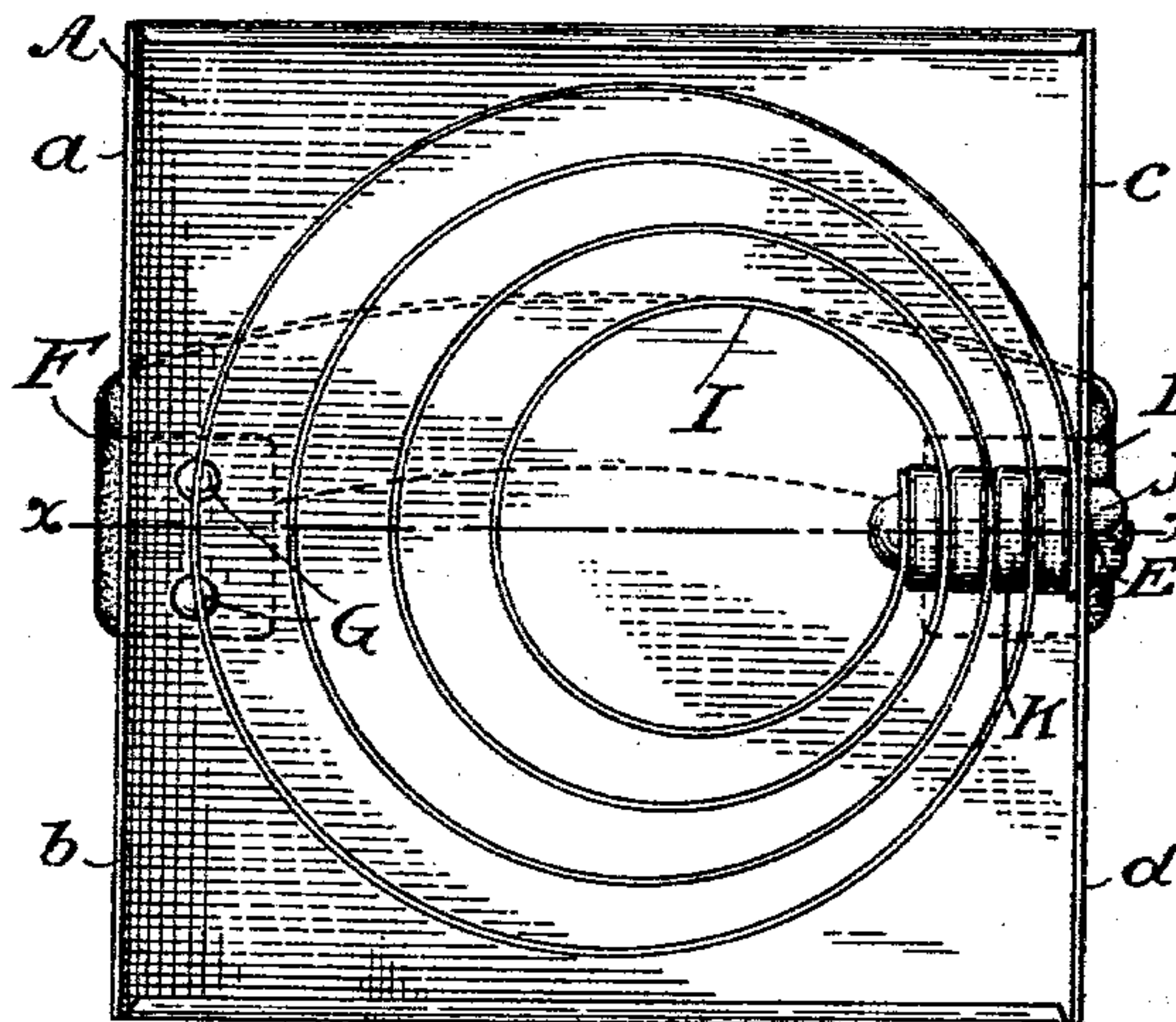


Fig. 2

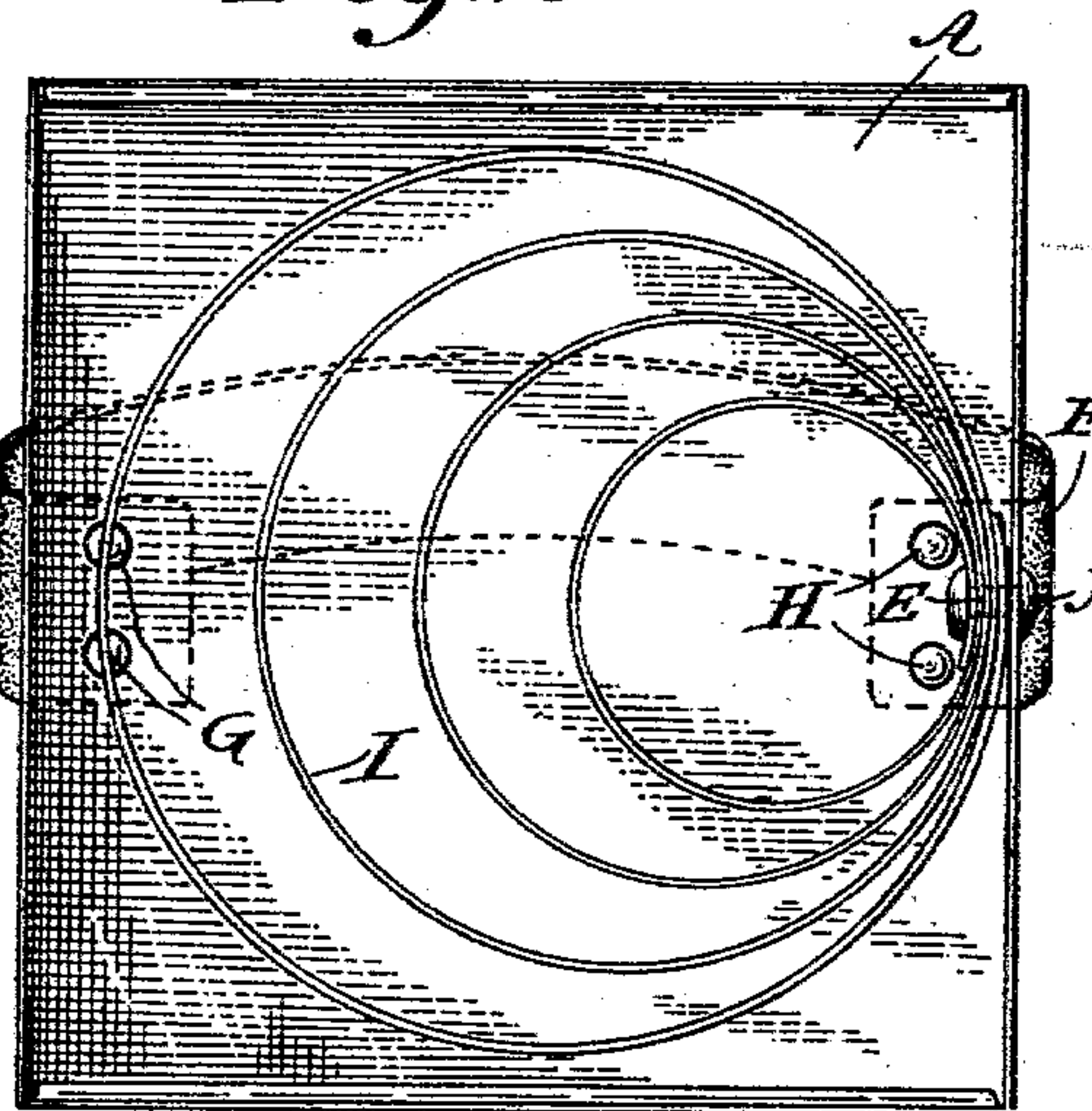


Fig. 3

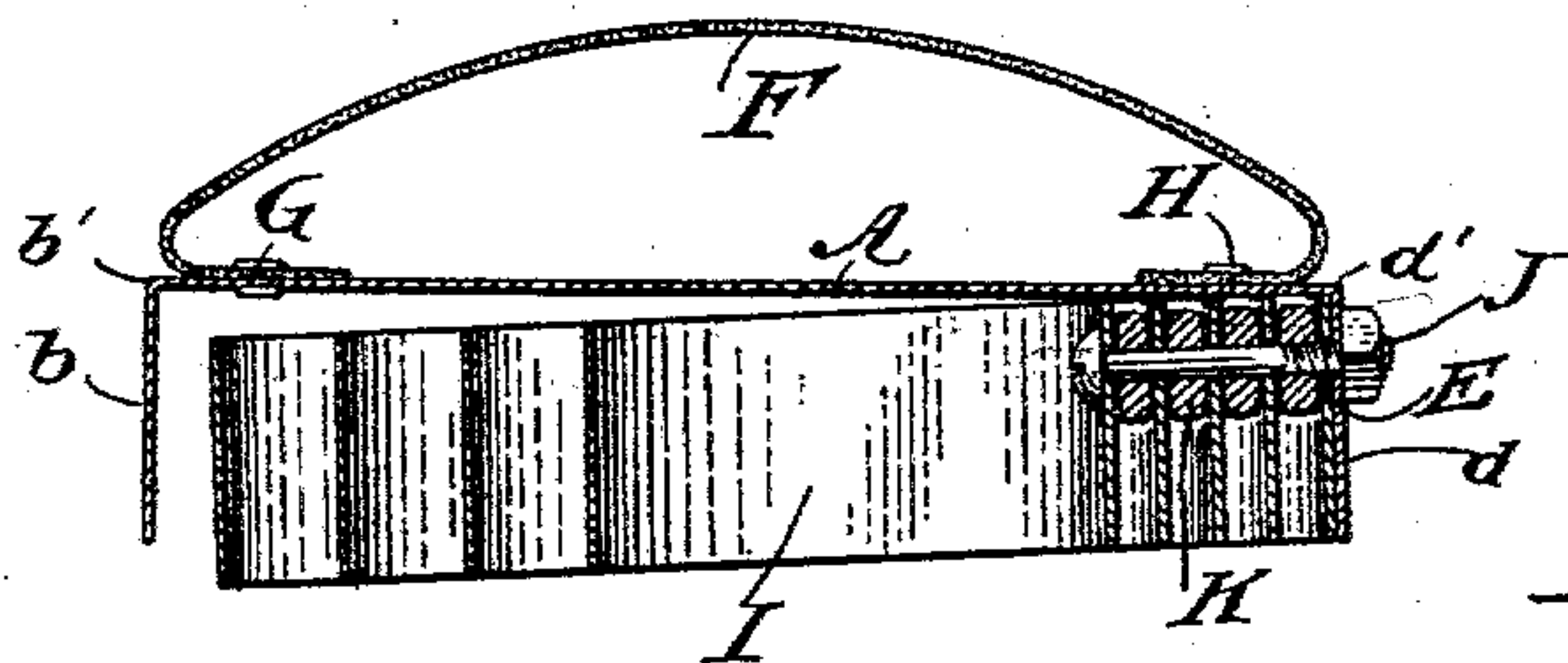


Fig. 5

Fig. 4

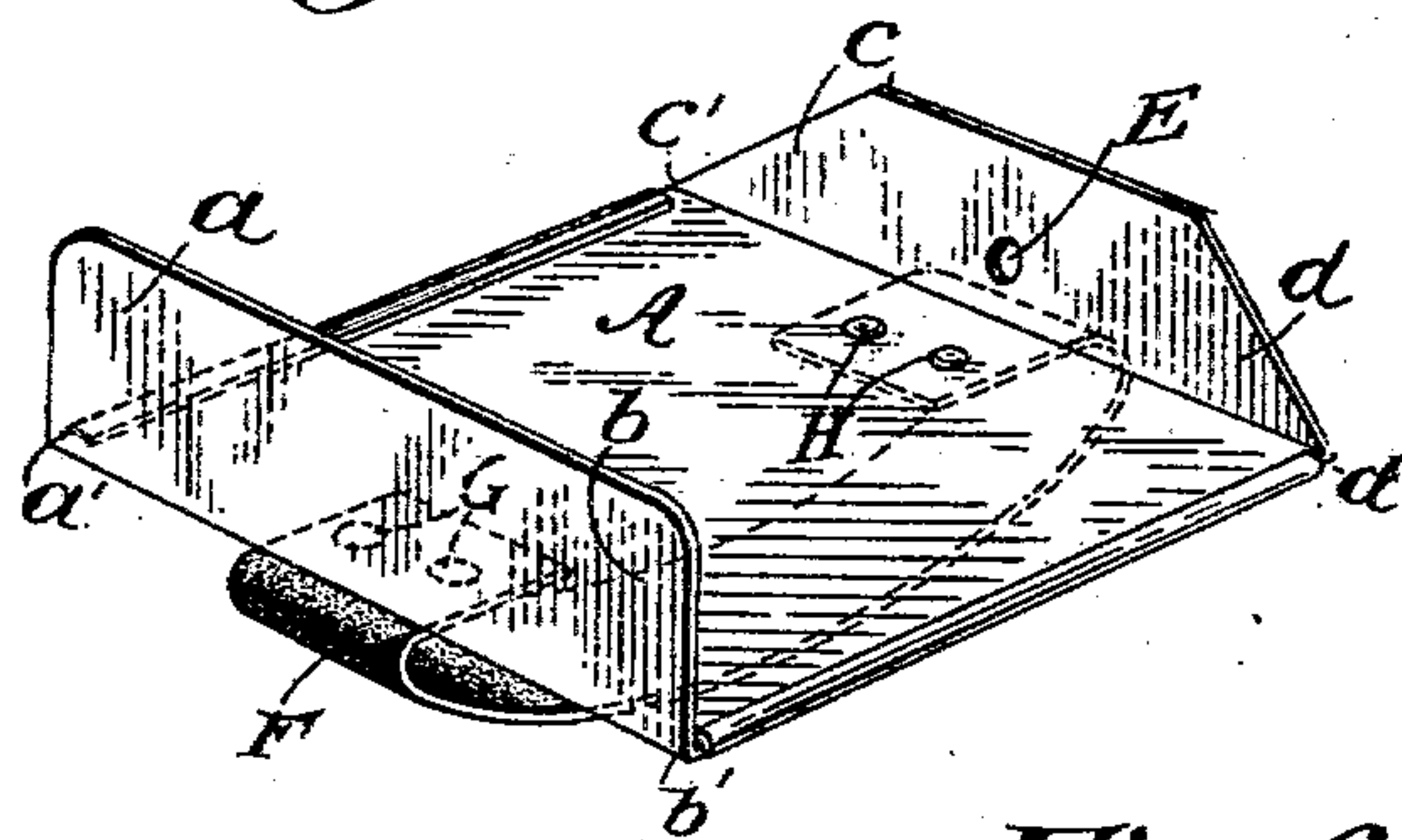
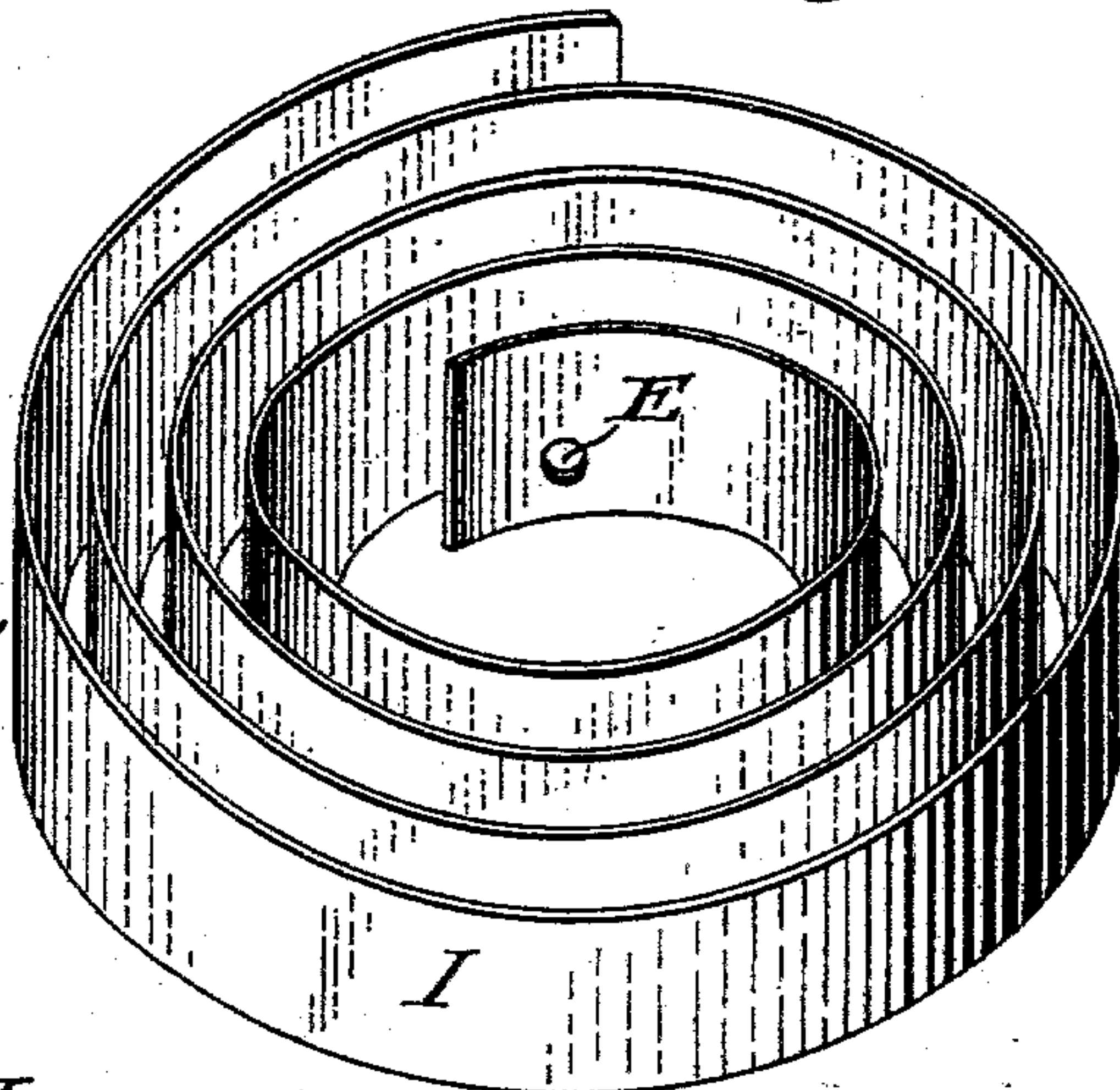
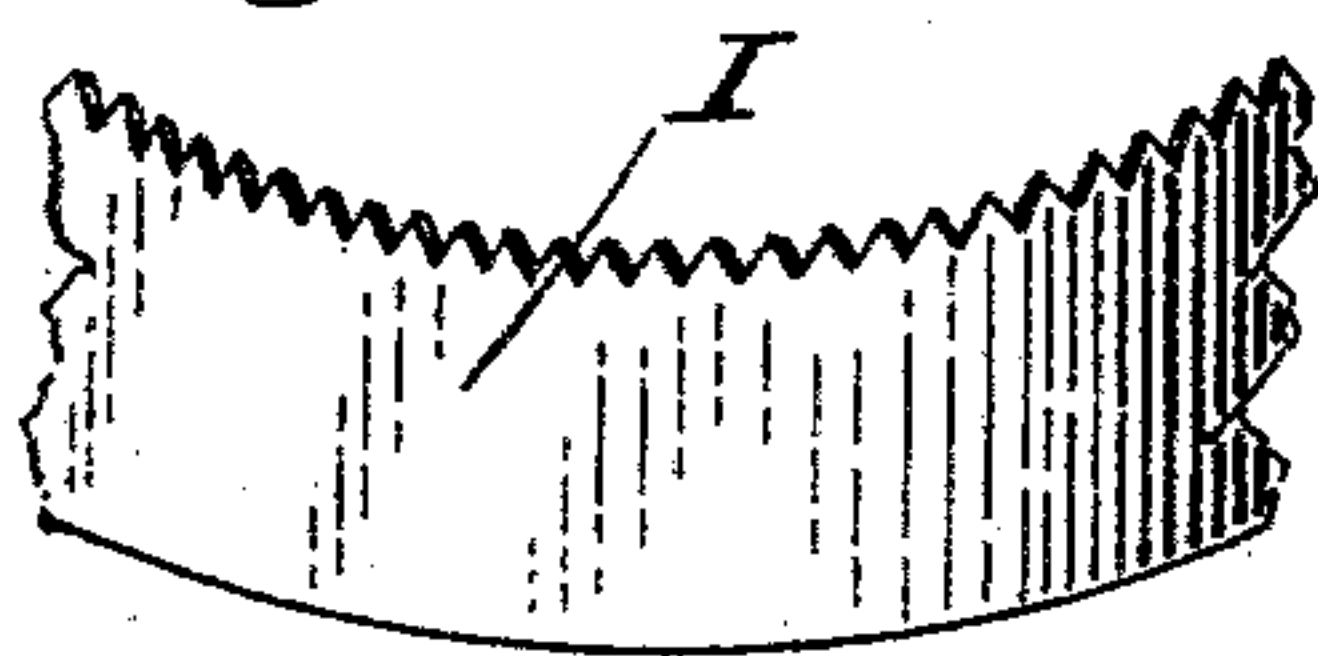


Fig. 6



Witnesses.

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UNITED STATES PATENT OFFICE.

MARVIN CAMPBELL, OF SOUTH BEND, INDIANA.

CURRYCOMB.

SPECIFICATION forming part of Letters Patent No. 629,768, dated August 1, 1899.

Application filed March 6, 1899. Serial No. 707,832. (No model.)

To all whom it may concern:

Be it known that I, MARVIN CAMPBELL, a citizen of the United States, residing at South Bend, in the county of St. Joseph and State of Indiana, have invented a new and useful Currycomb, of which the following is a specification.

My invention relates to improvements in currycombs for cleaning the loose hair and dirt from animals, and refers to that special class that may be designated as "spring" currycombs.

My object is to provide a currycomb economical in cost, durable in construction, having elasticity, and provided with a back that will not permit too much elasticity under the downward pressure and will allow the hand to rest within a handle immediately over the comb, thus causing the currying to be done more thoroughly and yet with more ease than with a comb having the handle at one side and at the same time have the hand protected from the dirt that comes from the animal when the comb is used. I attain these objects by the methods illustrated in the accompanying drawings, in which—

Figure 1 illustrates a complete comb in which the spring-steel ribbon is fastened to the back with a bolt or rivet and with washers to separate the several coils of springs, as will be explained in detail. Fig. 2 illustrates a complete comb in which the steel ribbon is fastened to the back with the bolt or rivet, the several coils brought together at that point. Fig. 3 is a side view of one-half of the comb cut through the line X X, Fig. 1. Fig. 4 is a view of the back of the comb before the spring-steel ribbon is fastened to it. Fig. 5 is a view of the spring-steel ribbon before being fastened to the back. Fig. 6 is a section of the spring-steel ribbon shown in Fig. 5, but with serrated edge to illustrate that the steel ribbon may have such an edge, if preferred.

Similar letters refer to similar parts throughout the several views.

To make my currycomb, as illustrated in the drawings, I take a piece of sheet metal A, Fig. 4. At the lines $a' b'$ and $c' d'$ I turn up about one inch of the two ends $a b$ and $c d$ nearly at right angles to the remainder of the sheet. To avoid sharp corners, I trim

the four corners of $a, b, c,$ and d such shape as preference suggests, but usually about as illustrated, Fig. 4. I punch a hole at E, and I also fasten the strap-handle F at the points G and H. The back for my currycomb is then complete. I then take a steel ribbon I, usually about one inch wide, coiled into several rings with hole E in each ring for the bolt or rivet, (see Fig. 5,) and attach this ribbon I to the back A at E by bolt or rivet J. (See Figs. 1, 2, and 3.) Washers K may be used for separating the folds of the ribbon, as shown in Fig. 1, or the fastening may be with the folds at that point E forced together, as shown in Fig. 2. Usually the ribbon I is fastened to the back A at the point E in a manner to cause it to be held away from close contact with the back, as shown in Fig. 3, thus giving an elasticity, making it less harsh upon the skin of the animal and allowing the dirt to be easily shaken from the comb. This separation of the ribbon I from the back A is most easily done by having the inner angle along the line $c' d'$ somewhat obtuse. Some horsemen prefer the ribbon I with smooth edge, as shown in Fig. 5, and others with serrated edge, as shown by the section in Fig. 6. I make the comb both ways. I describe the back A as made of sheet metal. So far I have found this the most desirable material to use; but if of the same shape and used for the same purpose I should regard it, if made of any material, as coming within the scope of my invention.

I am aware that prior to my invention currycombs have been made in which an elastic-steel ribbon formed a part of the construction. I therefore do not claim, broadly, the use of the spring-steel ribbon; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

The combination in a currycomb of the back A having the upturned ends $c d$ and $a b$ and having the several coils of sheet-metal ribbon, attached to the upturned edge of the back at the point E, all substantially as set forth.

MARVIN CAMPBELL.

Witnesses:

W. H. BARGER,
E. TURNER.