

N. L. Chamberlain, Hand Stamp.

No. 83,253.

Patented Oct 20, 1868

Fig. 1.

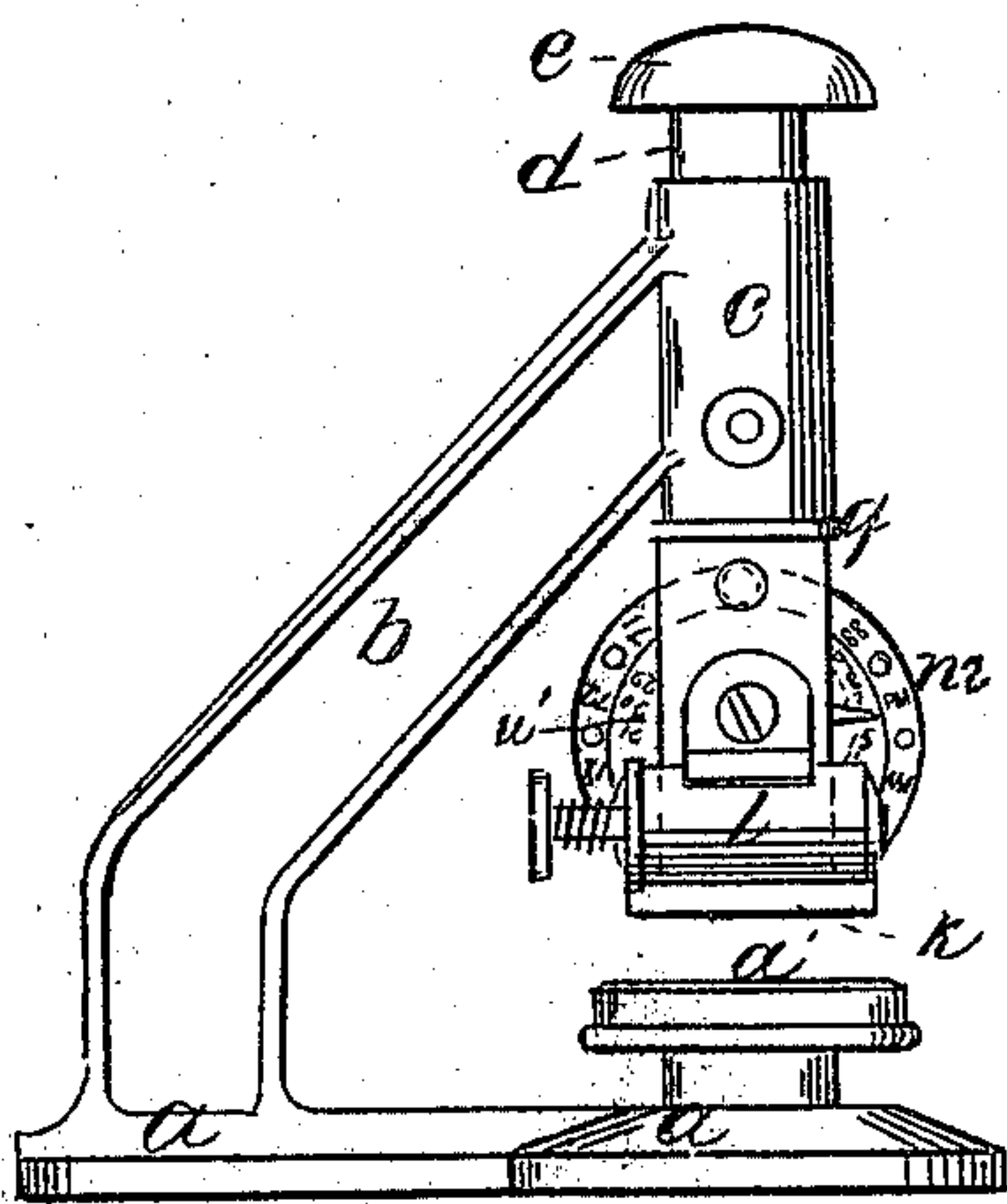


Fig. 2.

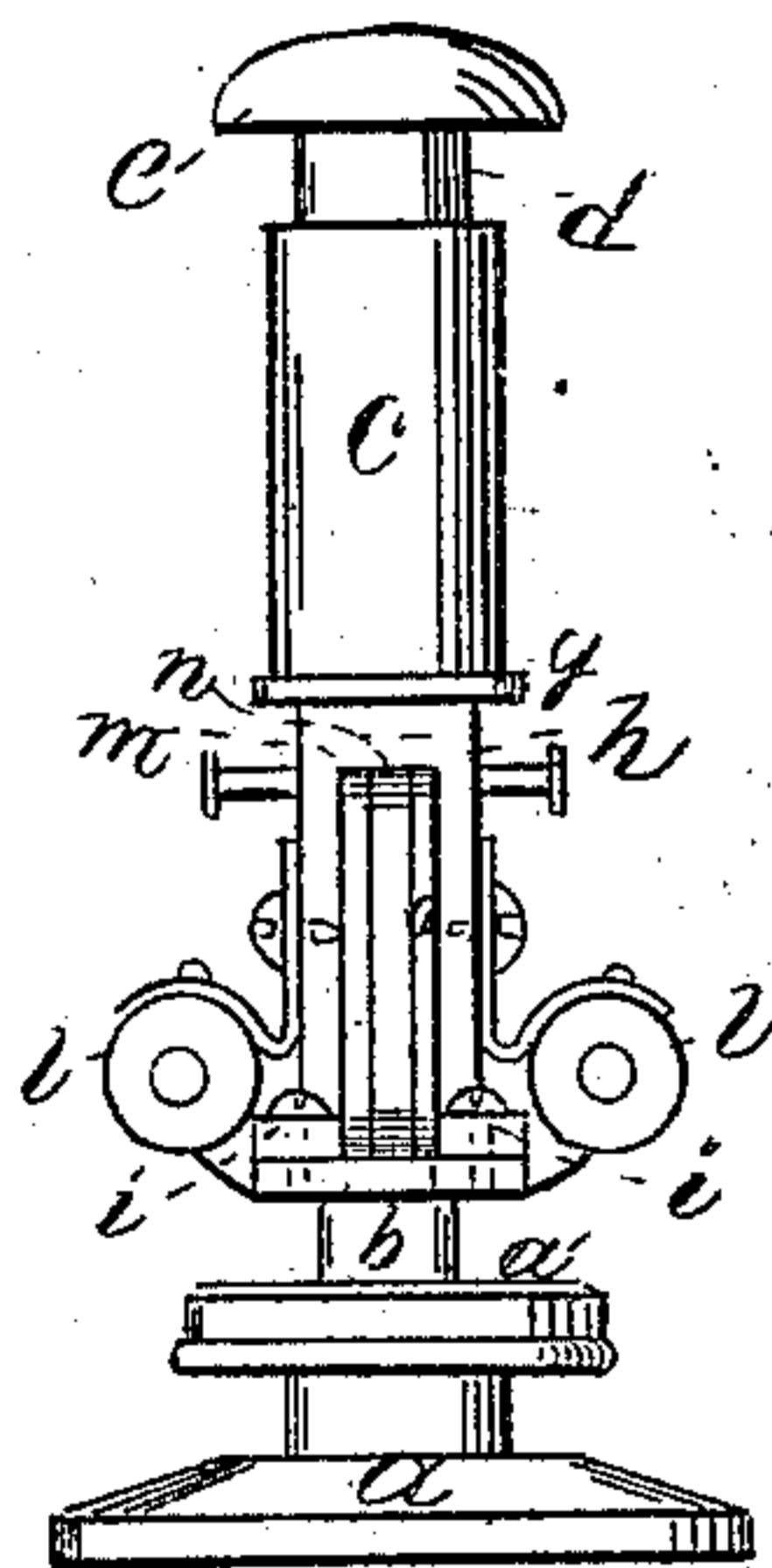


Fig. 3.

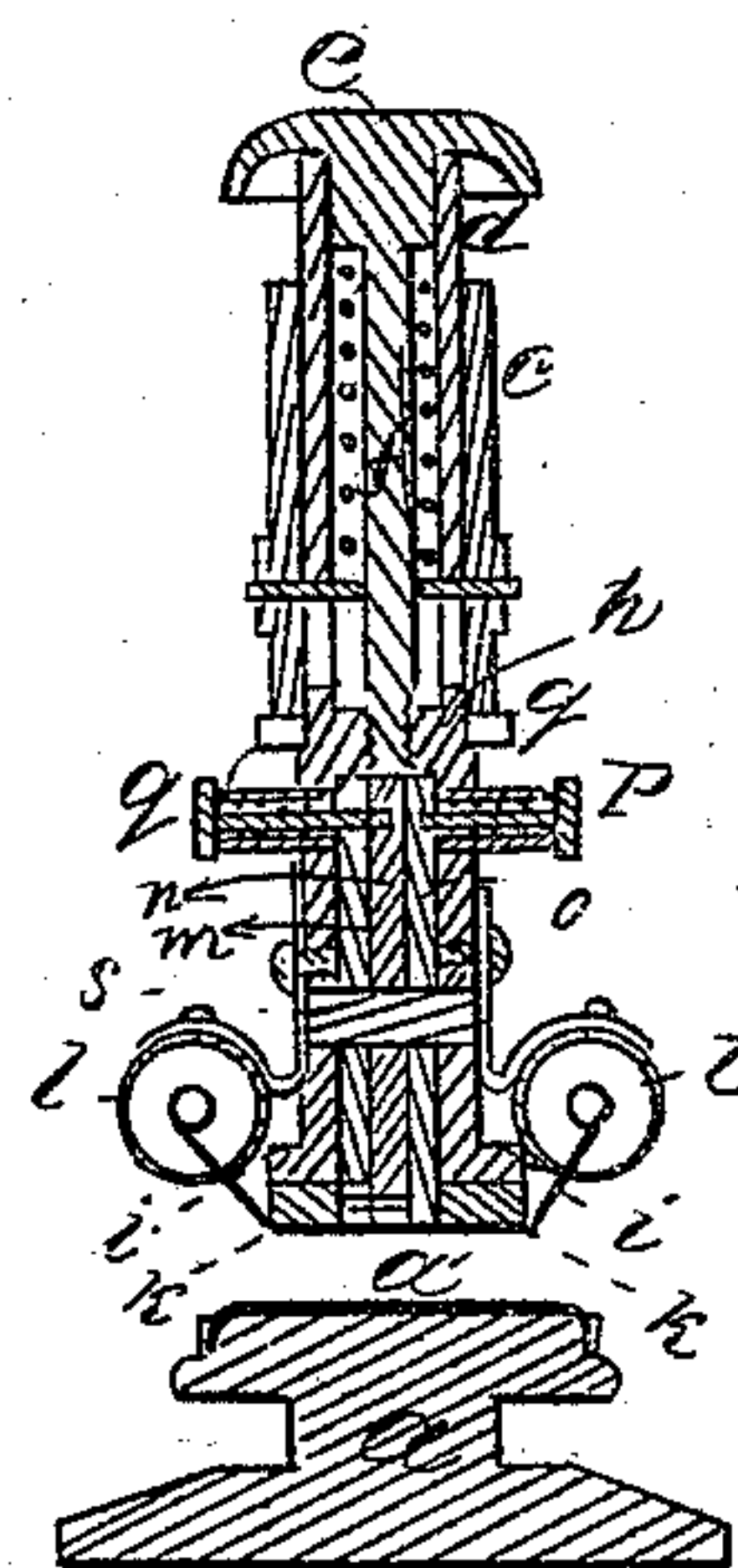
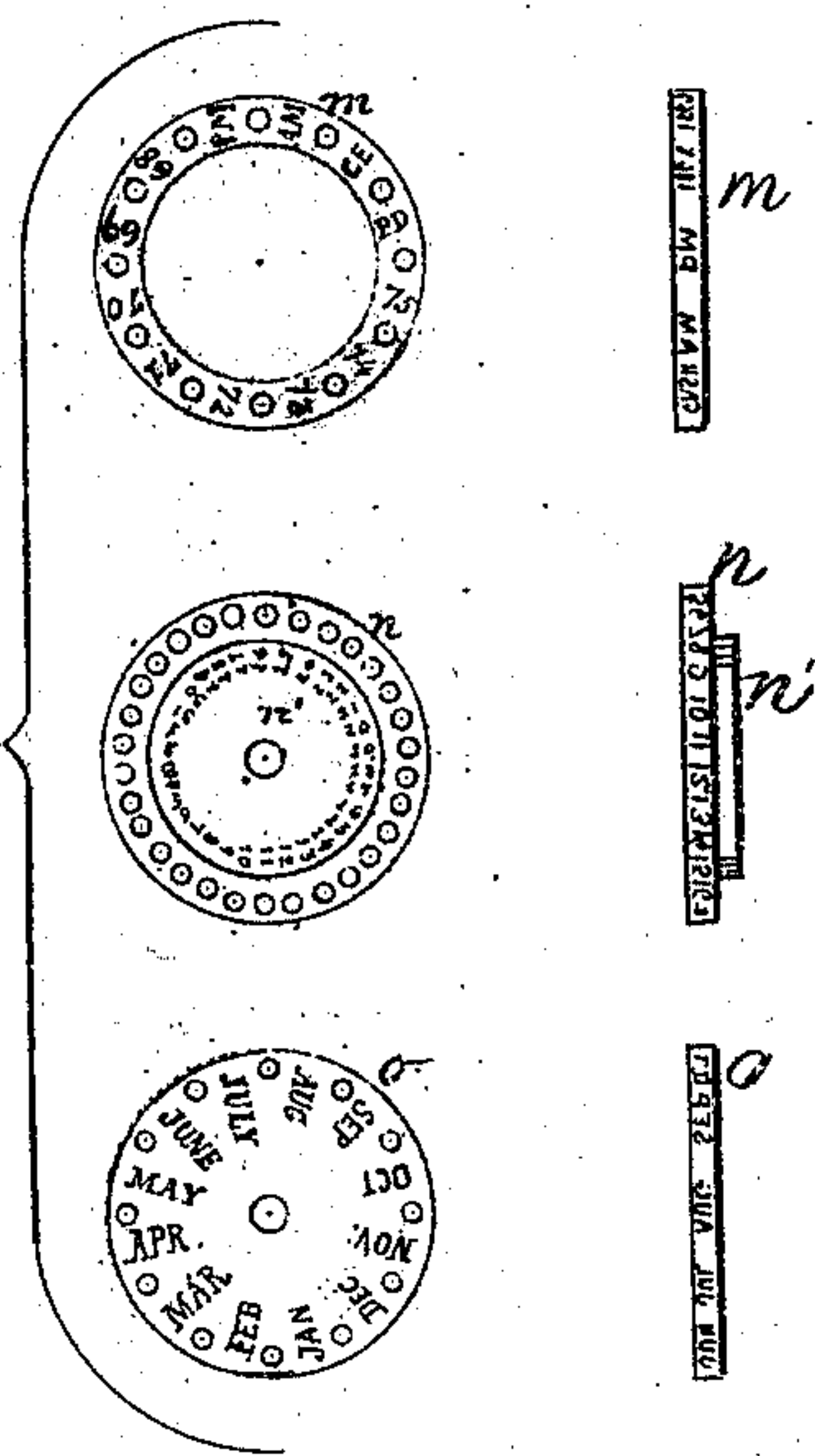


Fig. 4.



Witnesses,
J. H. Adam,
M. S. G. Wilde.

Nath^l L. Chamberlain

United States Patent Office.

NATHANIEL L. CHAMBERLAIN, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 83,253, dated October 20, 1868.

IMPROVEMENT IN HAND-STAMPS.

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

Be it known that I, NATHANIEL L. CHAMBERLAIN, of Boston, in the county of Suffolk, and State of Massachusetts, have invented certain new and useful Improvements in Hand-Stamps, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a side elevation of a hand-stamp embodying my improvement;

Figure 2 is a front elevation of the same;

Figure 3 is a transverse vertical section; and

Figure 4 represent side elevations and end views of the type-wheels.

The nature of my invention consists in the employment of three type-wheels, of equal diameter, so constructed and arranged that each will readily indicate the proper character of the date to be printed.

The invention also consists in a peculiar method of attaching the saddle, or portion which carries the wheels, to the handle, so that the wheels may be readily turned horizontally, and enable an impression to be made in any desired position.

The invention further consists in constructing the lower ends of the saddle with flanges, to which is secured the die-holder.

The invention also consists in an arrangement, whereby one detent is made to secure in position two of the three type-wheels.

Referring to the drawings, *a a* represent the base of an upright stamp, provided with the cushion *a'*, of the usual construction. An armor-standard, *b*, extends at an angle upwards, and sustains on its upper end a cylindrical sleeve *c*, in which is arranged a hollow plunger, *d*, the latter being held in an elevated position by means of a spring, in the usual manner. It is frequently desirable to stamp an impression on a paper or document, which cannot be readily operated upon in the ordinary hand-stamp, in consequence of the die-plate being in a fixed position relatively to its vertical axial line. To overcome this difficulty, I attach to the handle *e*, a shaft or spindle, *f*, fig. 3, which extends downwards, and is provided at its lower end with a thread, which screws into the head of the saddle *h*, as seen in fig. 3, so that by loosening the shaft *f*, the saddle containing the type-wheels may be turned round upon its axis, and enable an impression to be made in any desired position. *g* is a washer, of rubber or other suitable material, for the purpose of relieving the concussion of the saddle and cylinder *c*, when a blow is struck on the handle.

m n o represent the three type-wheels, all of the same diameter, and provided respectively, on their perimeters, with the proper numbers and letters to mark the year, month, and day. They are each provided on their sides with corresponding numbers or letters, so arranged that by means of pointers or indi-

cators suitably arranged, the position of each wheel to print the proper date or number may be readily indicated.

In order that this may be effected by all the wheels, the outer wheel on one side consists simply of a ring, as seen at *m*, in fig. 4, and the central wheel, *n*, is formed or provided with a projection or hub, *n'*, of a diameter equal to the interior opening of the ring *m*, and of an equal thickness of the same, in which it fits snugly, but so as to rotate freely. The projection *n'* may form a part of or be connected to the portion *n*, in any suitable manner, so as to rotate with it. The central wheel *n* is designed for printing the days of the month, and on the projecting portion *n'* of the same are the equivalent numbers for indicating those to be printed. On the ring or wheel *m*, are marked the years, and on the same are also marked the words "paid," and "cash," and also the initials A. M. and P. *o* is the wheel designating the months, and provided with the indicating-letters on the side. The wheels are held in position by means of the spring-pins *p* and *q*, engaging in holes in the wheels. The pin *q* passes entirely through the outer ring *m*, into the central wheel *n*, so that by pulling out the said pin partially, the inner or central wheel may be moved, and set in any desired position, and on pulling it out further, the outer wheel may be moved and set.

On the lower portion of the saddle or wheel-holder *h*, are flanges *i i*, extending from each side, as shown in figs. 2 and 3, and provided with screw-holes, by means of which the die-plate is secured to the saddle.

The flanges on the saddle or wheel-holder serve an important purpose, inasmuch as without them it would be necessary to construct the die-holder with a flanch, or insert screws up through the die-holder into the under side of the saddle, in which case the portion containing the wheel would have to be removed. By this means, I am enabled to readily attach and detach the die-holder, as desired. *l l* are the cases containing the ribbon-reels.

It will thus be seen that a very compact and easily-adjusted hand-stamp is produced, and one that may readily be adapted to all the various uses required in hand-stamps.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with a die in a hand-stamp, of three type-wheels of equal diameter, each provided with exposed figures or letters upon their sides, substantially as and for the purpose set forth.

2. Securing the saddle or type-wheel holder to the plunger, by means of a screw-bolt, substantially as and for the purpose specified.

3. Constructing the saddle or type-holder with flanges *i i*, as and for the purpose described.

4. The type-wheel *n*, provided with figures upon its side, when the said wheel is constructed and arranged between two wheels of equal diameter, as and for the purpose set forth.

5. The type-wheels *m* and *n*, when the same are constructed and combined together, as and for the purpose described.

6. The arrangement, whereby one detent serves to

secure in position two of the type-wheels, as specified.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

NATH'EL L. CHAMBERLAIN.

Witnesses:

J. H. ADAMS,

M. S. G. WILDE.