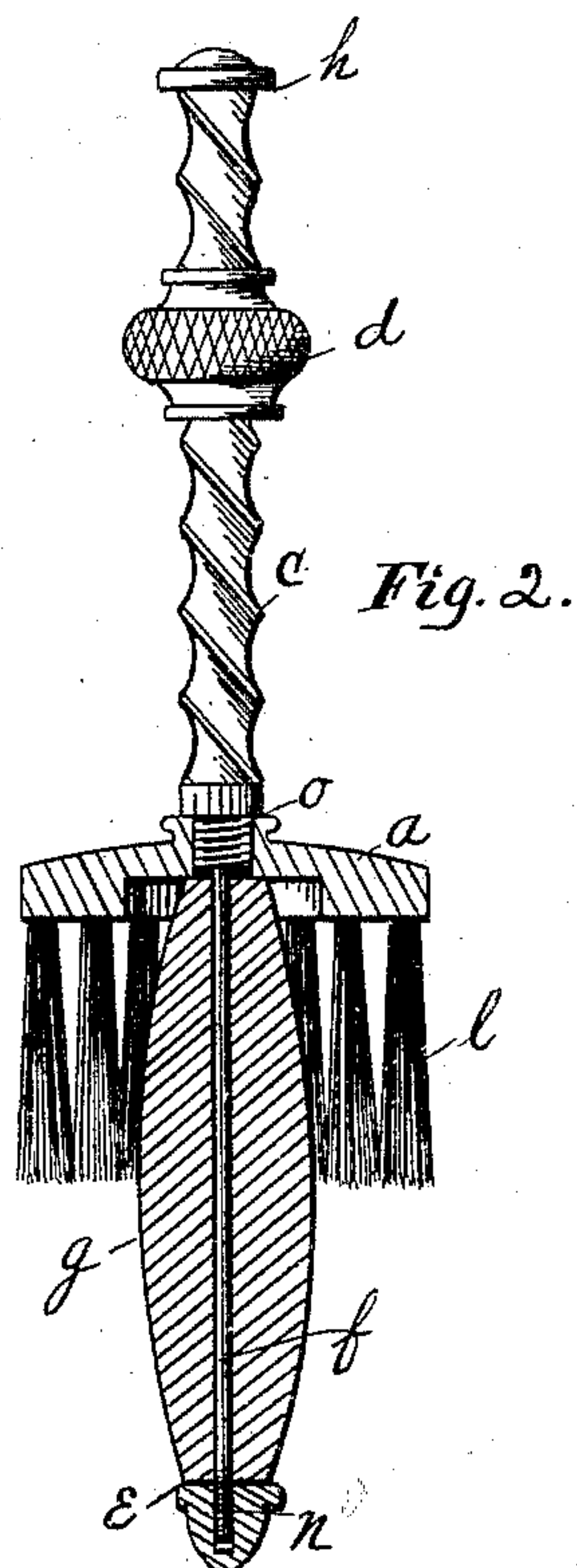
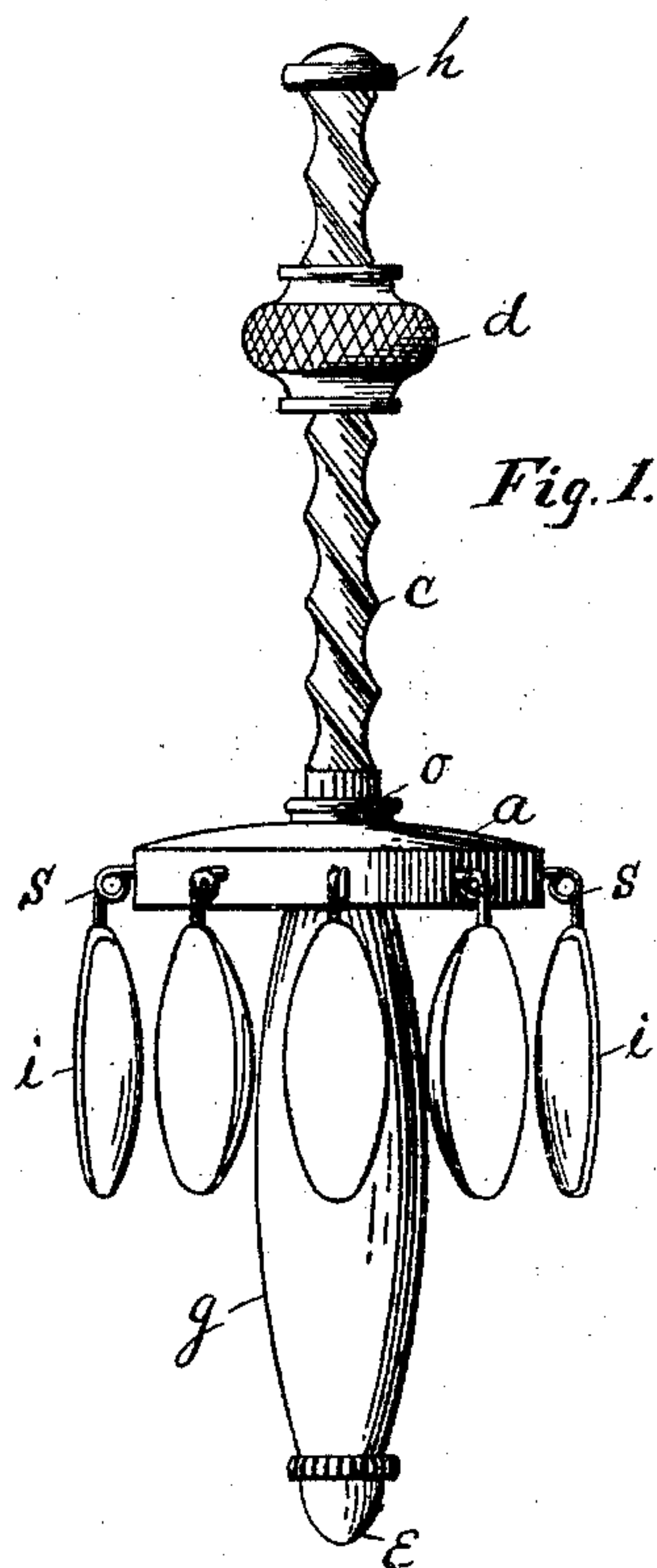


(No Model.)

H. WEBER.
NAIL BRUSH AND POLISHER.

No. 445,683.

Patented Feb. 3, 1891.



Witnesses
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J. R. Smith

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UNITED STATES PATENT OFFICE.

HENRY WEBER, OF NEW BEDFORD, MASSACHUSETTS.

NAIL BRUSH AND POLISHER.

SPECIFICATION forming part of Letters Patent No. 445,683, dated February 3, 1891.

Application filed April 16, 1890. Serial No. 348,281. (No model.)

To all whom it may concern:

Be it known that I, HENRY WEBER, a citizen of the United States, residing at New Bedford, in the county of Bristol and State of Massachusetts, have invented a new and useful Nail Brush and Polisher, of which the following is a specification.

The object of my invention is to provide a device by means of which the finger-nails may be brushed and polished with greater facility than with the ordinary appliances.

The accompanying drawings illustrate my invention, in which—

Figure 1 represents a side view of my invention having the polishing device attached, and Fig. 2 represents a view of the same having the brush attached and showing some of the parts in cross-section.

Similar letters refer to similar parts in the several views.

In Fig. 1, *a* represents a disk of metal or other suitable material, to the edge of which and projecting downward are secured the polishing-pads *i* by means of the springs *s*. To the disk *a* is rigidly secured the standard *c*, having a spiral surface and provided with a nut *d* to fit and slide on said spiral. The top of the standard *c* is provided with a cap *h*, in order to prevent the nut *d* from sliding off from the standard *c*. The standard *c* is screwed to the disk *a* at *o*, and has projecting from its lower end a rod *f*, having a screw-threaded end *u*, as shown in Fig. 2. The part *g* is perforated longitudinally through the center, so as to turn loosely on the rod *f*, and is secured in place thereon by the screw-cap *e*.

In Fig. 2, the disk *a* is represented as provided with brushes *l* instead of polishing-

pads. The standard *c* is shouldered and screw-threaded at its lower end, and is screwed into an aperture in the center of the disk *a* at *o*. The disks *a* are made interchangeable, so that when desired the disk provided with pads may be removed and the disk provided with brushes substituted in its place, or vice versa.

The operation of the device is as follows: The parts being adjusted together, as shown in Fig. 2, the fingers of one hand are clasped around the part *g*, with the ends of the fingers toward and touching the brushes *l*. The nut *d* is then moved backward and forward on the standard *c*, which motion causes the disk *a* to revolve alternately in either direction and the brushes to act on the ends of the fingers and nails. When the nails are sufficiently brushed, the disk *a* supplied with brushes may be removed and the disk provided with pads substituted therefor, when with the same motion the pads *i* are caused to pass over the nails and polish them.

I claim—

In a nail-cleaning device, the combination of the part *g*, a disk provided with nail-cleaning devices, a standard having a spiral surface made to be removably attached to said disk, and a nut adapted to slide back and forth on said spiral surface, whereby reciprocating rotary motion is imparted to said standard and disk, and means for securing said standard to the part *g*, whereby it may rotate independently of said part *g*, substantially as described.

HENRY WEBER.

Witnesses:

THOS. M. JAMES,
HENRY W. MASON.