

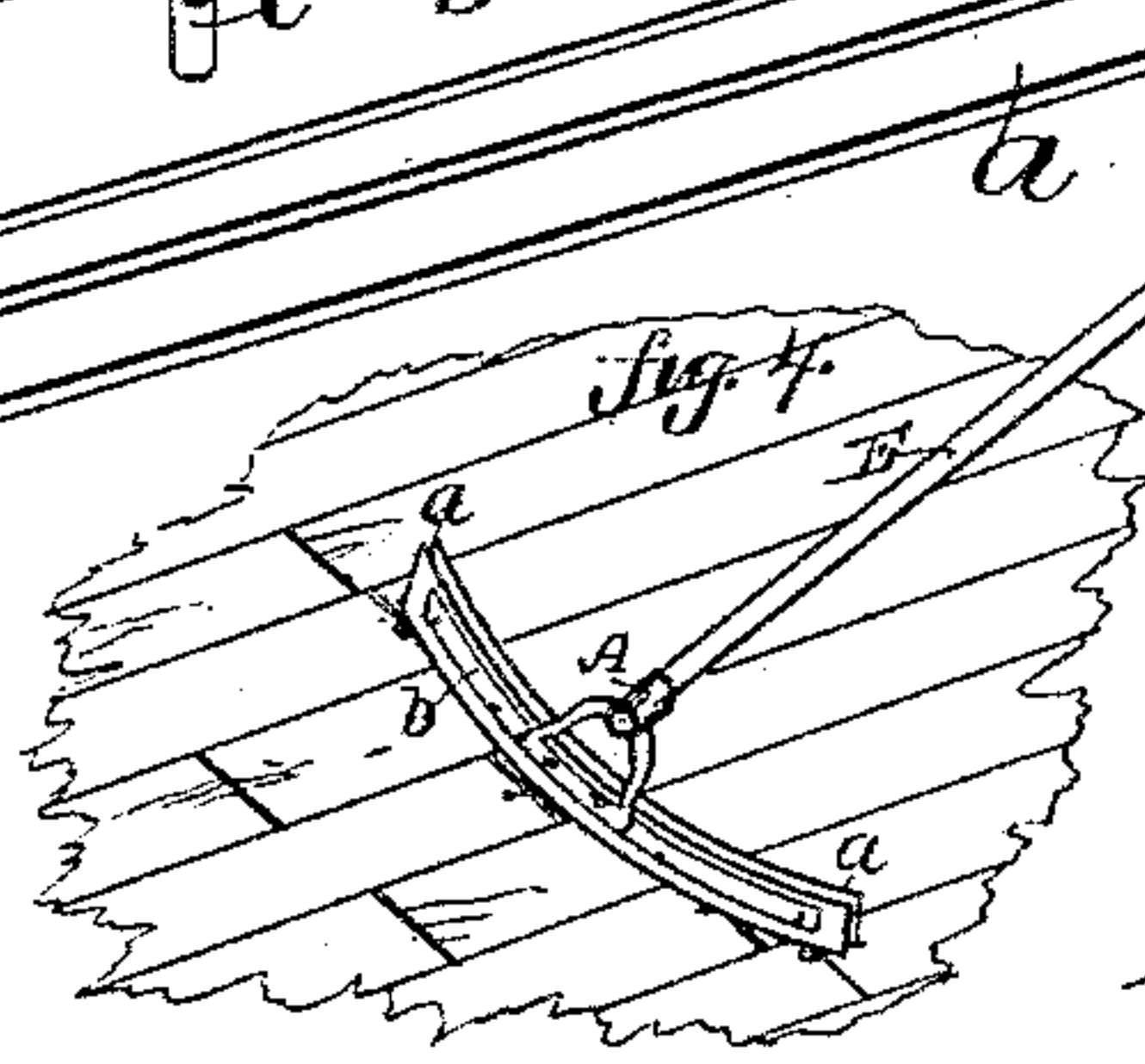
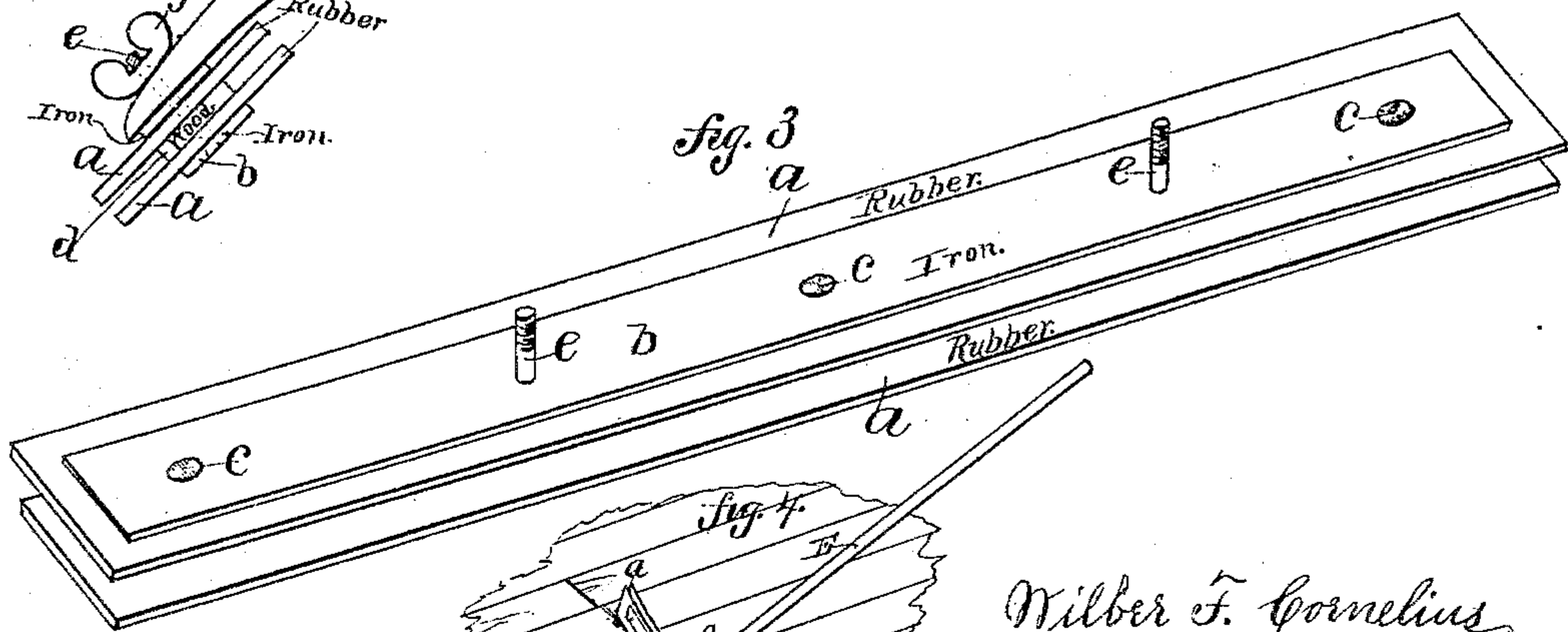
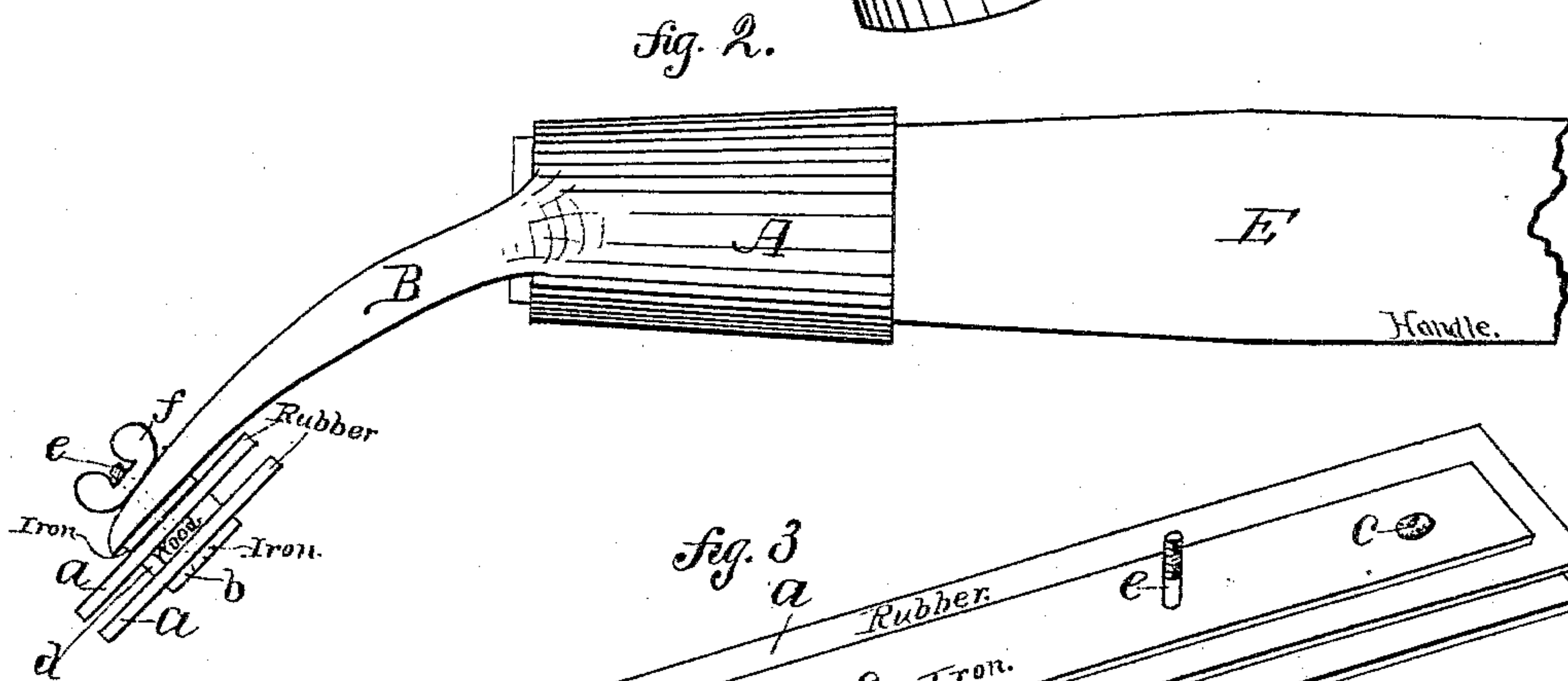
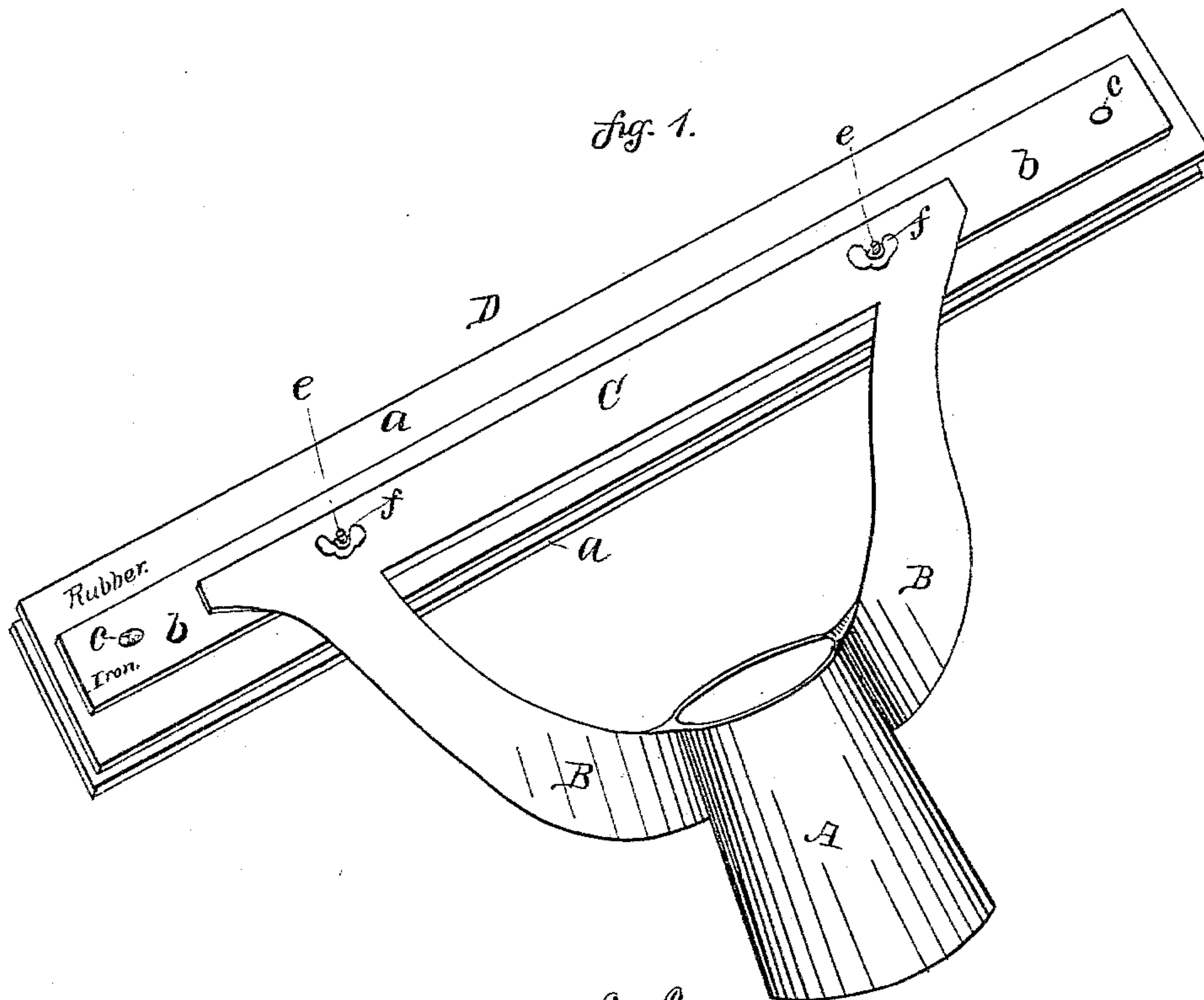
(No Model.)

W. F. CORNELIUS.

SCRUBBER.

No. 300,447.

Patented June 17, 1884.



Witnesses:
J. A. Adamson,
C. C. Adamson

Wilber F. Cornelius,
Inventor.

By
Chas. C. Adamson
Atty.

UNITED STATES PATENT OFFICE.

WILBER F. CORNELIUS, OF MUNCIE, INDIANA.

SCRUBBER.

SPECIFICATION forming part of Letters Patent No. 300,447, dated June 17, 1884.

Application filed October 17, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILBER F. CORNELIUS, a citizen of the United States, residing at Muncie, in the county of Delaware and State of Indiana, have invented a new and useful Reversible and Flexible Window-Cleaner and Floor-Scrubber, of which the following is a specification.

My invention relates to improvements in scrubbing devices; and the objects of my improvements are to construct a cheap and durable flexible and reversible scrubbing device for cleaning glass, wood, &c. I attain these objects by the mechanism illustrated by the accompanying drawings, in which—

Figure 1 is a perspective view. Fig. 2 is an end view of the scrubber. Fig. 3 is a longitudinal view of the scrubber, and Fig. 4 is a view of my invention in use on a floor.

Similar letters refer to similar parts throughout the several views.

My invention consists in the combination, with a socket and handle, of a scrubber-head formed of two strips of rubber, having a strip of wood (or suitable material) placed between them, a thin metallic strip placed on each side, and the whole riveted together and reversibly secured to a holder.

D represents the scrubber-head. The strips *a* are made of a suitable piece of rubber, and the strip *d* may be of wood or other flexible material, of sufficient thickness to hold the strips *a* the desired distance apart. A thin piece of metal is placed on the outside of the two strips *a* and riveted through at *e*, so as to hold the said strips *b*, rubbers *a*, and strip *d* securely together. Two bolts, *e*, extend through the said parts sufficiently far to pass through

the holder part C and receive thumb-nuts *f*, all as shown. The holder consists of bar C, having holes for the reception of the bolts *e*, arms B, and ferrule A, said arms extending outward and downward from the said ferrule. An ordinary handle, E, may be driven into the ferrule, and my invention is ready for use. The rubbers may be made of various lengths and all fit the same holder.

The important part of my invention is the construction and pliability of the scrubber, and it will be seen in Fig. 4 that it will bend or curve freely "from end to end" in scrubbing uneven floors or where it strikes obstructions on a floor. By removing the thumb-nuts the rubber part of the scrubber can be reversed or turned to use either side. The thin strips of rubber secured together by other thin yielding material are more pliable and lasting than one thick piece, and it is more especially adapted for cleaning glass, scrubbing floors, &c.

Having thus described my invention, what I claim is—

The combination, with a holder formed with arms connected by a bar, as described, of a flexible scrubber-head, consisting of rubber strips having a wooden strip interposed between them, and metallic strips secured upon their outer faces, and bolts and thumb-nuts for removably securing said scrubber-head to the bar of the holder, substantially as set forth.

WILBER F. CORNELIUS.

Witnesses:

GEORGE H. KOONS,
A. R. COLEMAN.