

C. R. UEBELMESSER.
SMOOTHING TOOL.
APPLICATION FILED JAN. 4, 1908

913,327.

Patented Feb. 23, 1909.

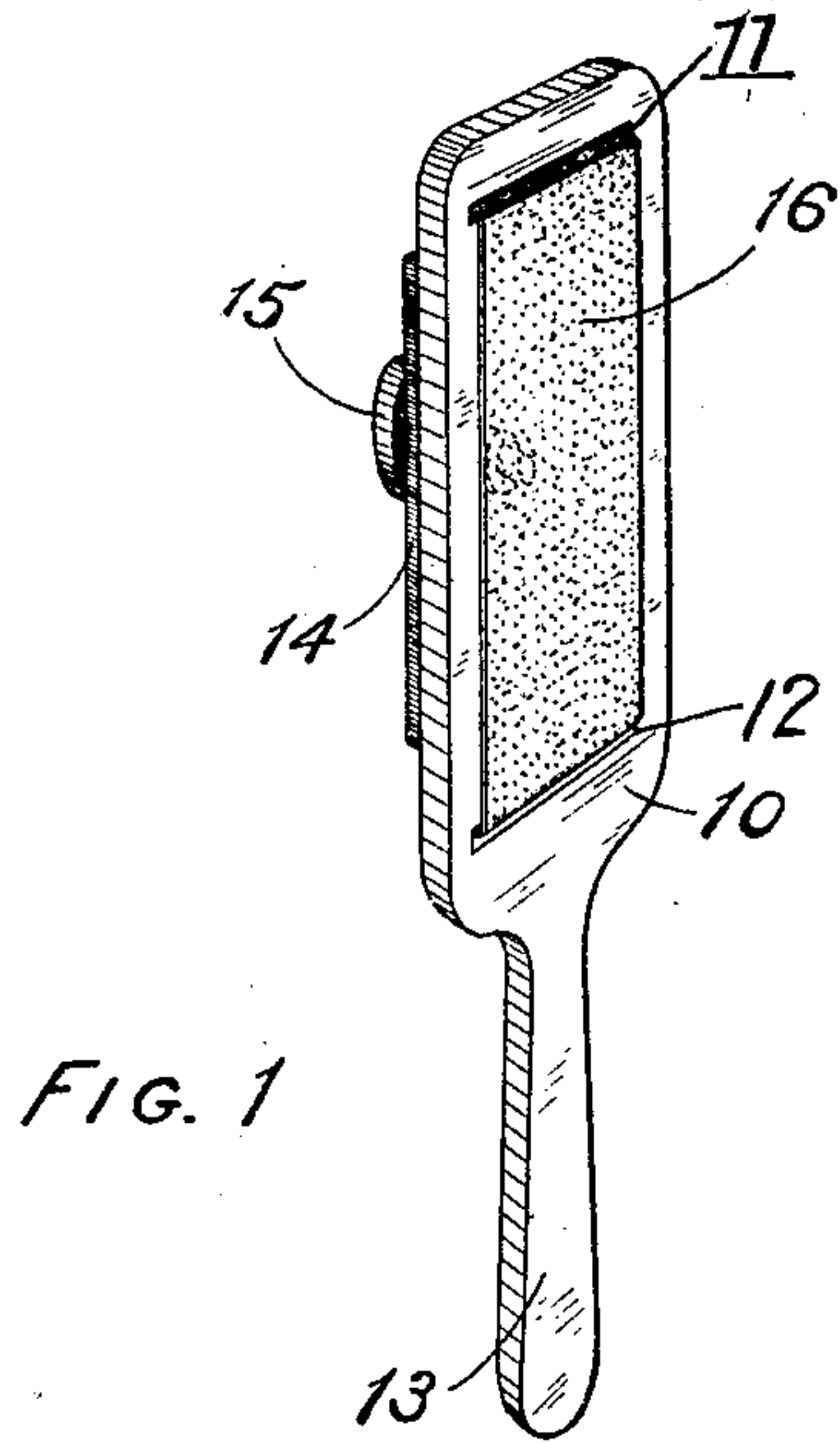


FIG. 1

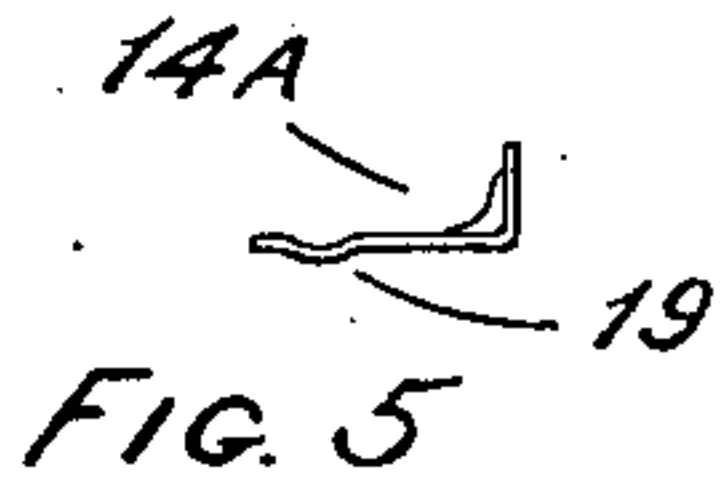


FIG. 5

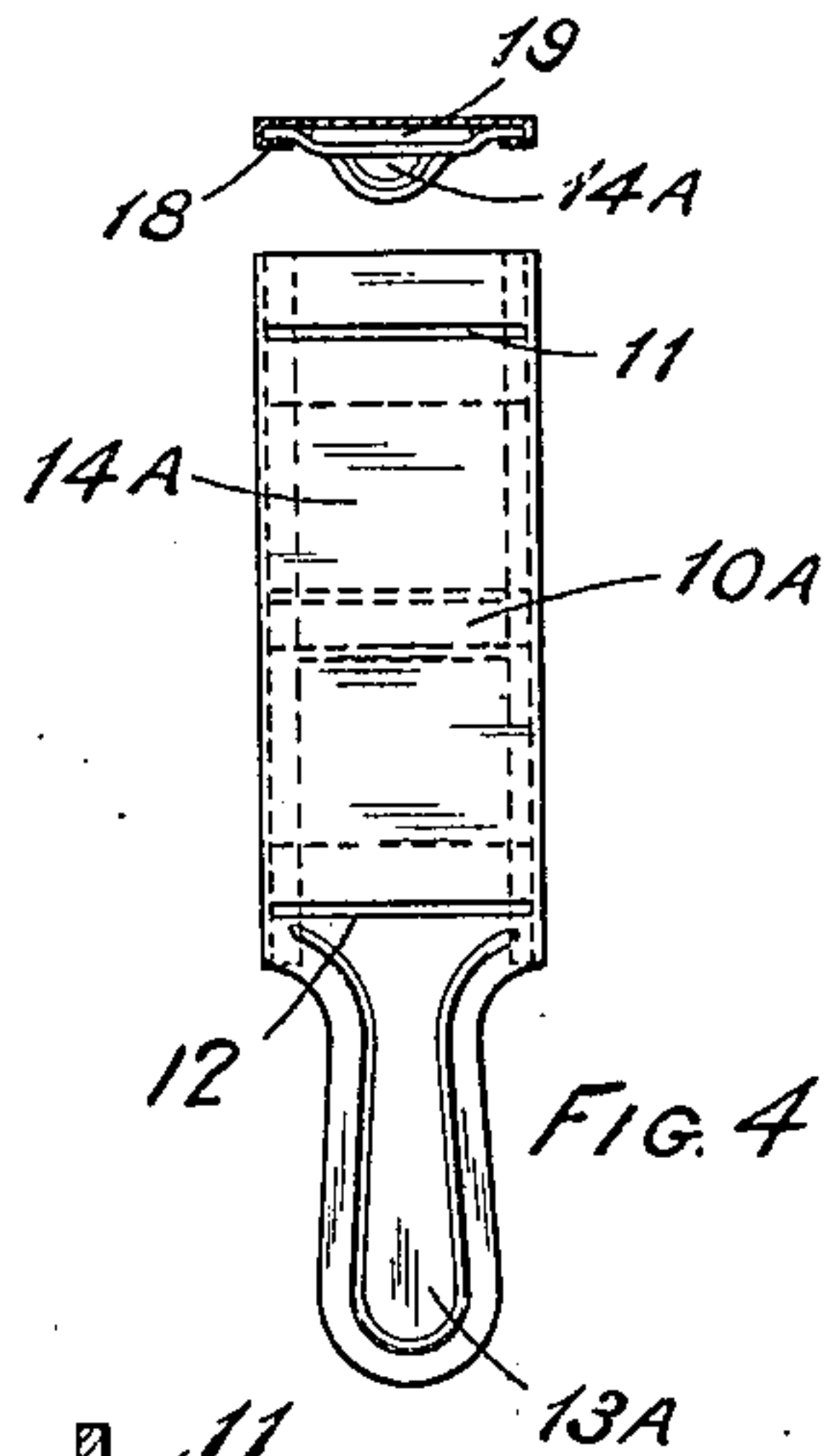


FIG. 4

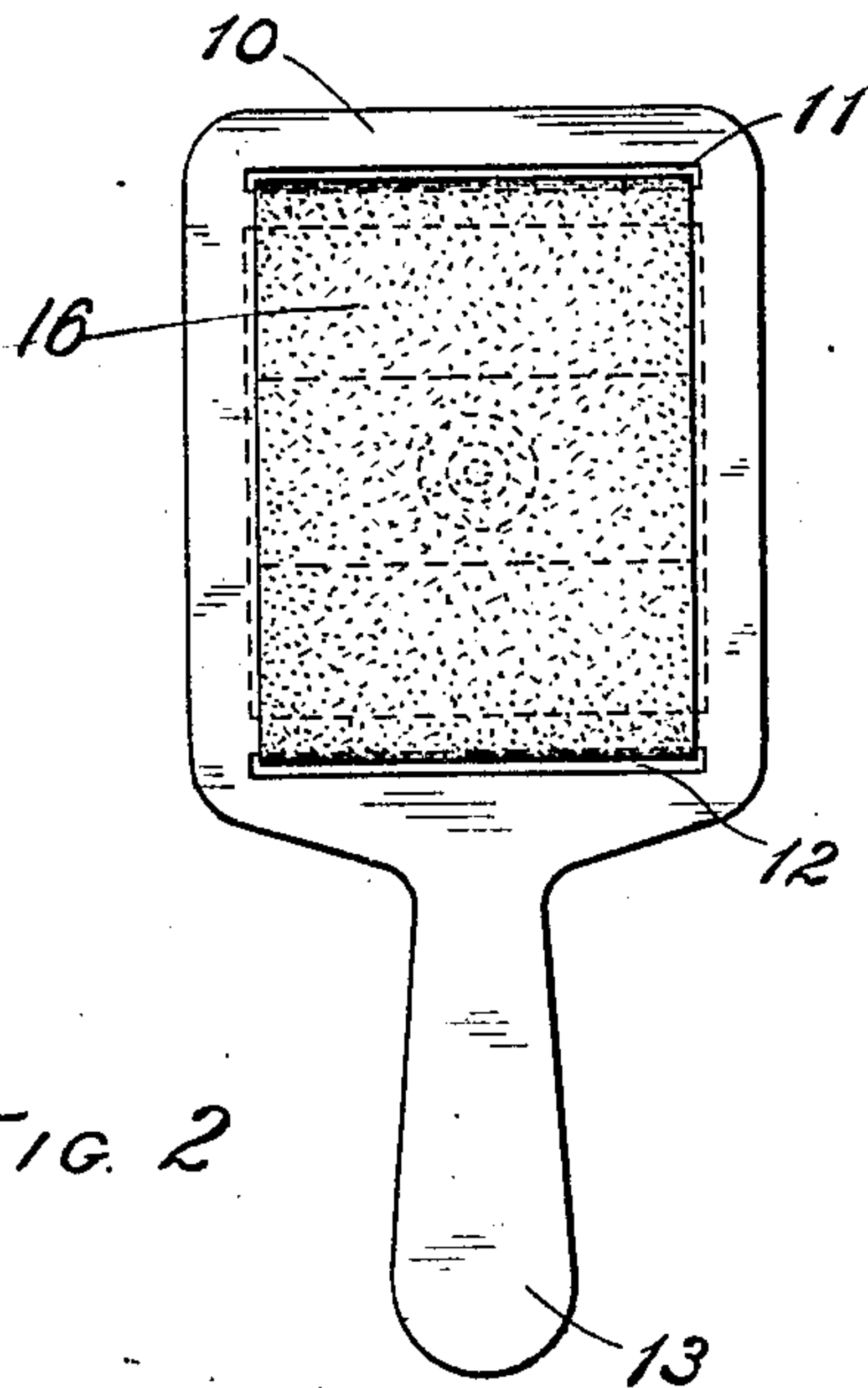


FIG. 2

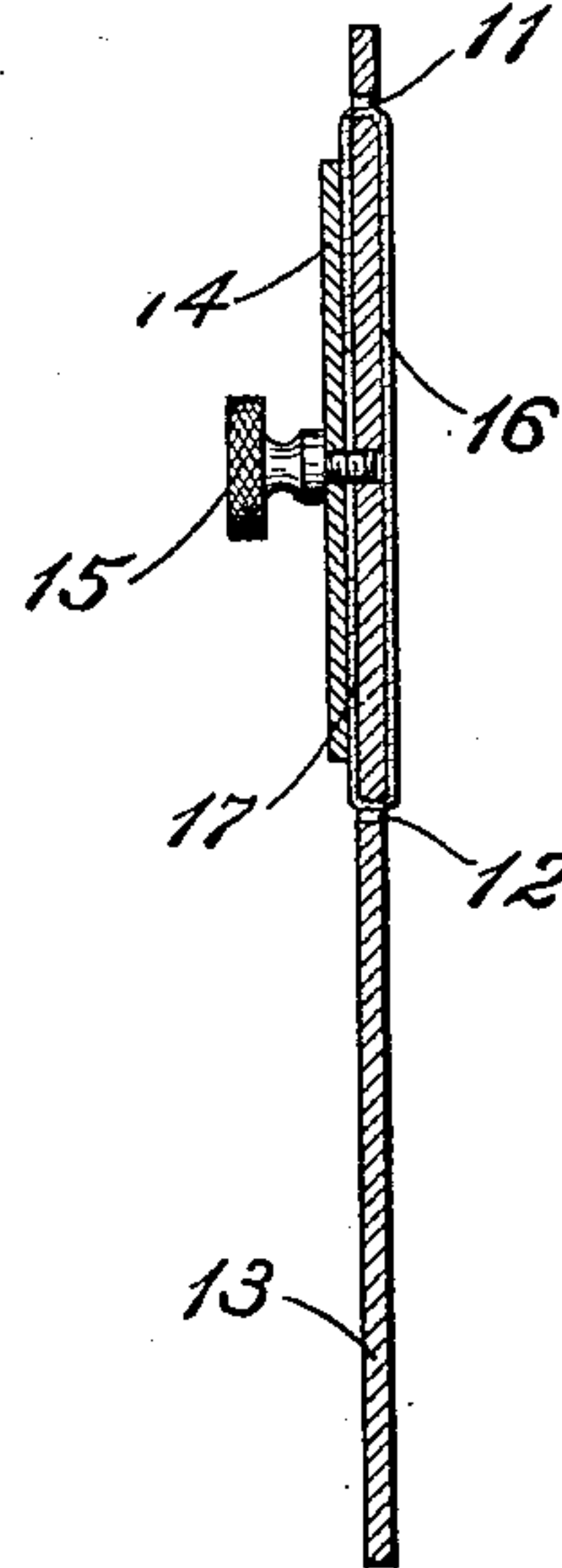


FIG. 3

WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES R. UEBELMESSER, OF NEW YORK, N. Y.

SMOOTHING-TOOL.

No. 913,327.

Specification of Letters Patent.

Patented Feb. 23, 1909.

Original application filed October 4, 1907, Serial No. 395,842. Divided and this application filed January 4, 1908.
Serial No. 409,357.

To all whom it may concern:

Be it known that I, CHARLES R. UEBELMESSER, a subject of the Emperor of Germany, and a resident of the city of New York, in the county of New York and State of New York, United States of America, have invented certain new and useful Improvements in Smoothing-Tools, of which the following is a specification.

10 My invention relates to a smoothing tool which is particularly adapted for repairing such films as are used with moving picture machines in conjunction with a device which I have invented for this purpose and which
15 I have disclosed in another application for Letters Patent Serial Number 395,842 and which was filed October 4th, 1907. The subject-matter of the present application was disclosed in said application Serial Number
20 395,842 and is now divided from said prior application as separately described and claimed herein.

Referring to the drawings, Figure 1 is a perspective view of a smoothing tool or file
25 which is made according to my invention. Fig. 2 is a front elevation of this tool, and Fig. 3 is a sectional side elevation of the same tool, the section being taken, in the latter figure, through the line 3—3 of Fig.
30 2. Fig. 4 is a front elevation and sectional end view of my improved tool but made according to another construction. Fig. 5 is a side elevation of a clamping piece used in the form of my tool which is shown in
35 Fig. 4.

Like characters of reference designate corresponding parts in all of the figures.

10 10 designates a frame which forms a substantially rectangular flat body having a desired width. Across the upper portion of this frame is a slot 11 and across the lower portion of the frame is a similar slot 12. These slots are parallel with each other and run transversely across and are centrally
45 disposed in relation to the longitudinal axis of the frame. A handle 13 is attached to the lower portion of the frame and may be an integral part thereof as shown.

14 designates a clamping piece which is
50 secured to the frame 10 at the back thereof by means of a thumb-screw 15. A piece of sandpaper 16 of a width slightly less than the length of the slots 11 and 12 may be placed over the flat body portion of the
55 frame with its ends passed through the slots

and under the clamping piece 14 as is shown at 17 in Fig. 3. The clamping piece may be then tightened down against the ends of the sandpaper by the thumb-screw 15 and thus fastened securely to the frame. 60

In the construction shown in Fig. 4 the frame 10^A and the handle 13^A are stamped out of a single piece of sheet metal the longitudinal edges of which are bent under as shown at 18. This construction forms
65 grooves at the back of the frame along its sides into which a pair of clamping pieces 14^A are slipped. Each of these clamping pieces is provided with a depressed portion 19 which engages with the sandpaper or
70 emery cloth and holds it securely in place.

The purpose of this invention is to provide a tool which shall have a flat filing surface of considerable width but somewhat
75 less than the width of the tool itself. Such a tool may be used between guiding members situated outside of the article or material which is to be smoothed thereby without bringing its filing surface in contact
80 with such guiding members. This is illustrated in the operation or use of the device which is disclosed in the companion application Serial Number 395,482. Obviously
85 this tool may be used in other ways and for other purposes and a very broad smoothing surface of any desired form may be obtained by the construction and in the manner which I have herein described.

What I claim is:—

1. A smoothing tool comprising a flat
90 rectangular frame provided with a pair of slots, a piece of flexible abrading material of less width than that of the frame extending across the front surface of the frame and passing through the slots, and means
95 connected with the back of the frame for holding said flexible material to the frame.

2. A smoothing tool comprising a flat rectangular frame provided with a pair of
100 slots, a piece of flexible abrading material of less width than that of the frame across the front surface of the frame and extending through the slots, and a clamping piece secured to the back of the frame and arranged to hold said flexible material to the
105 frame.

3. A smoothing tool comprising a flat rectangular frame provided with a pair of transversely disposed parallel slots, a piece
110 of sandpaper of less width than that of the

frame across the front surface of the frame
and extending through the slots, a clamping
piece, a thumb-screw connecting the clamp-
ing piece with the frame and arranged to
5 hold the sandpaper to the frame, and a
handle extending from the frame.

In testimony whereof I have signed my

name to this specification in the presence of
two subscribing witnesses.

CHARLES R. UEBELMESSER.

Witnesses:

FRANK B. WOOD,
ELLA TUCH.