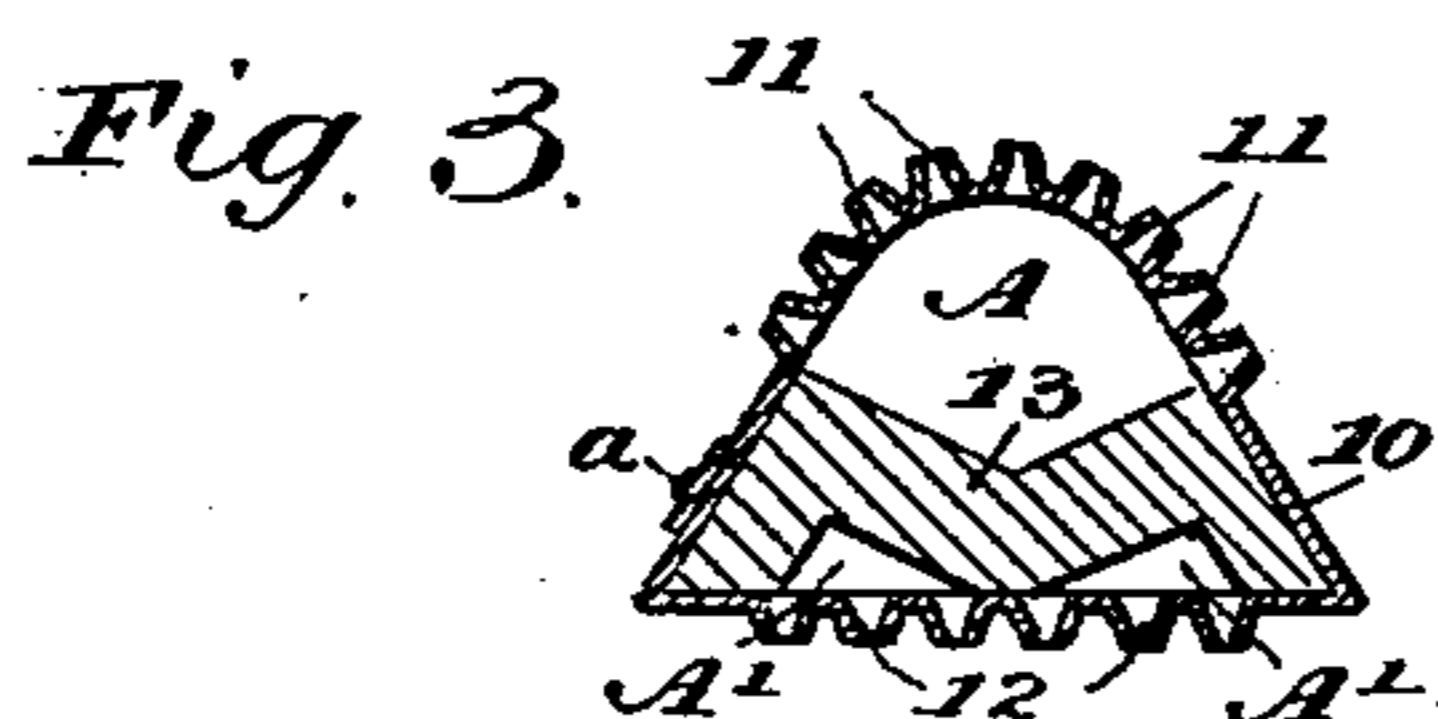
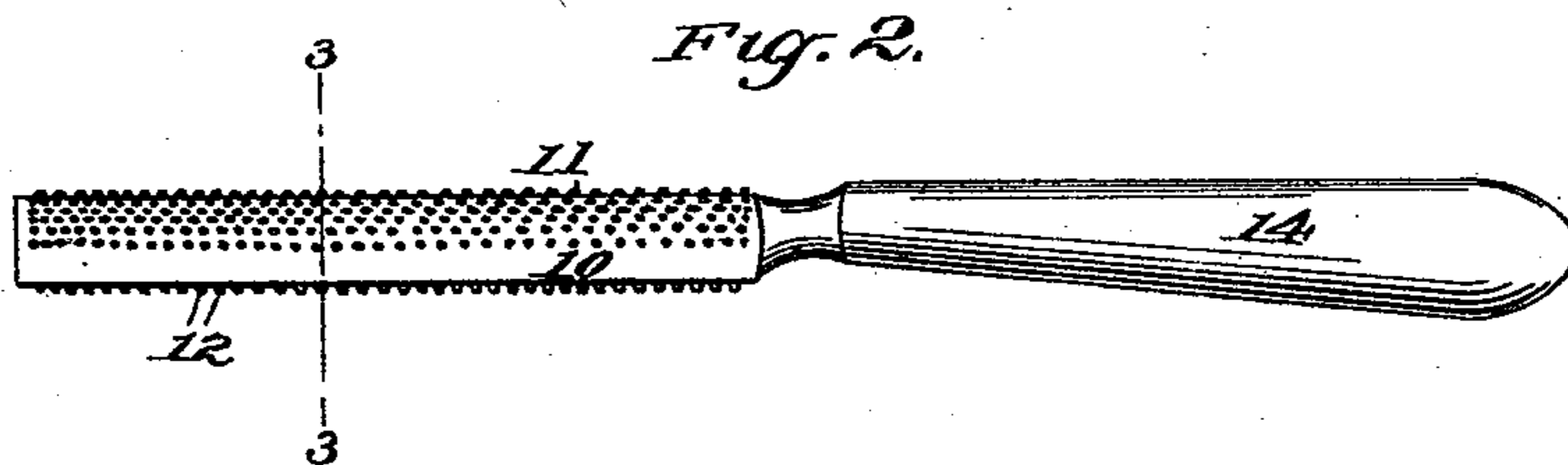
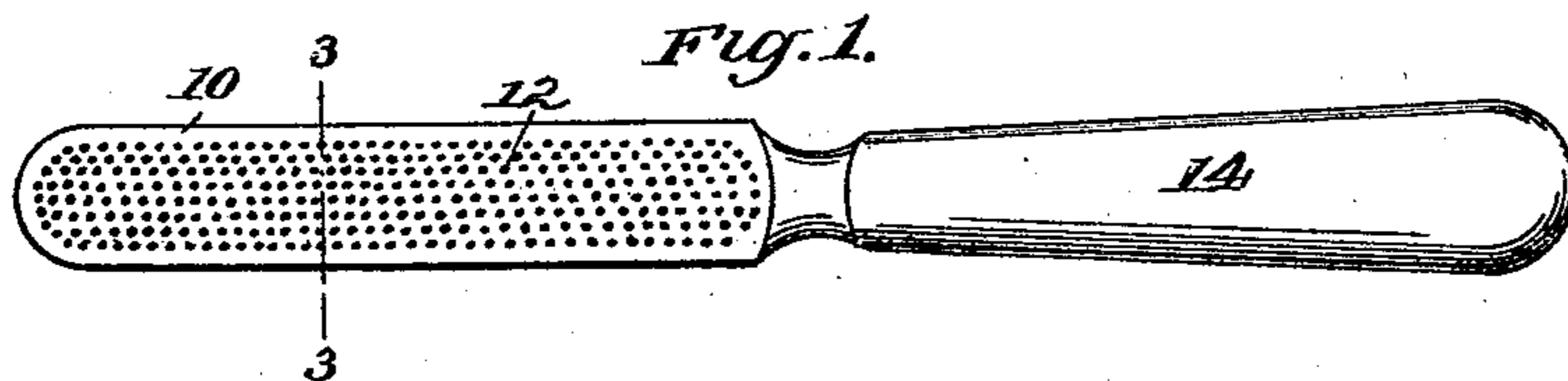


(No Model.)

C. S. LEVY.
CHIROPODIST'S FILE.

No. 454,956.

Patented June 30, 1891.



WITNESSES:

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CHARLES S. LEVY, OF NEW YORK, N. Y.

CHIROPODIST'S FILE.

SPECIFICATION forming part of Letters Patent No. 454,956, dated June 30, 1891.

Application filed October 2, 1890. Serial No. 366,853. (No model.)

To all whom it may concern:

Be it known that I, CHARLES S. LEVY, of New York city, in the county and State of New York, have invented a new and Improved
5 Chiropodist's File, of which the following is a full, clear, and exact description.

My invention relates to a file especially adapted for chiropodists' use, and has for its object to provide a simple, durable, and com-
10 pact instrument capable of convenient manipulation, whereby any callous surface or protuberance upon the skin may be expeditiously and conveniently removed.

The invention consists in the novel con-
15 struction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification,
20 in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a bottom plan view of the file. Fig. 2 is a side elevation. Fig. 3 is a trans-
25 verse section on line 3 3 of Figs. 1 and 2.

The body of the file usually consists of a strip of metal 10, bent upon itself to approximate a triangular shape in cross-section, as illustrated in Fig. 3, the ends of the metal be-
30 ing made to overlap at one side, as illustrated at *a*. The apex or top of the body is semi-circular, and the top and a portion of the side of the body at the top is roughened to form a file-surface 11, the said file-surface be-
35 ing usually produced by puncturing the metal from the inside, imparting thereto a grater-like appearance. A similar file-surface 12 is produced upon the bottom of the body, which is flat.

40 The body 10 may be of any desired length,

and the said body is supported and braced by a core 13, of wood, metal, a composite or other material, the said core in shape approximating in cross-section the letter M. The outer faces of the core, however, are inclined to cor-
45 respond to the inclination of the sides of the body, being attached thereto by means of pins, screws, or equivalent fastening devices. The lower portion of the core at its center and sides is preferably made to rest upon the in-
50 ner face of the bottom of the body, as is shown in Fig. 3, and by reason of the peculiar shape of the body and core a chamber A is formed between the upper inner face of the body and the upper face of the core, and similar cham-
55 bers A' are produced between the inner lower face of the body and the opposing face of the core. The core is preferably made to extend to the outer end of the body, and the inner end of the core may be attached to a handle
60 14, or the handle may constitute an integral portion of the core. The outer end of the implement is preferably open; or, if closed at all, a perforated or reticulated material is em-
65 ployed for that purpose.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

An implement for chiropodists' use, consisting of a body-plate essentially triangular
70 in cross-section, provided with an upper semi-circular file-surface and a lower flat file-surface and a core secured within the body, the said core being recessed at top and bottom to form upper and lower chambers, as and for
75 the purpose specified.

CHARLES S. LEVY.

Witnesses:

J. FRED. ACKER,
EDGAR TATE.