

H. D. BADER.
COMBINED NAIL CLIPPER AND FILE.
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Fig. I.

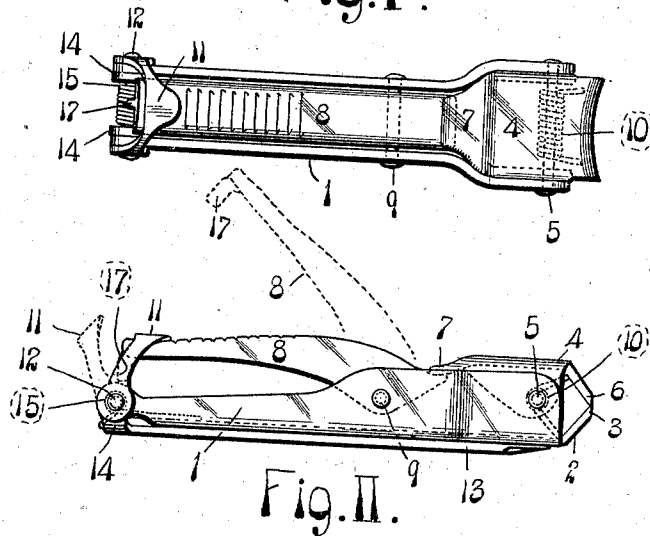
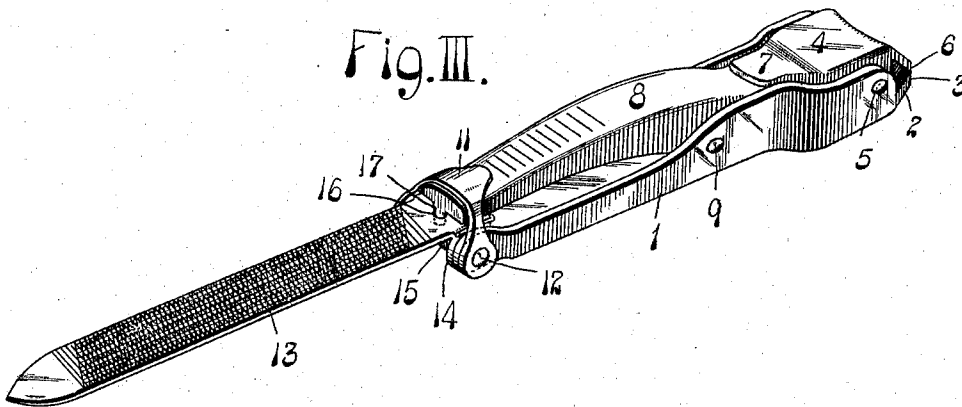


Fig. III.



Attest

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COMBINED NAIL CLIPPER AND FILE.

967,598.

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To all whom it may concern:

Be it known that I, HERBERT D. BADER, a citizen of the United States of America, residing in the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Combined Nail Clippers and Files, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to that character of nail clippers in which there are two jaws having cutting edges and one of which is movable relative to the other, and a lever for operating the movable jaw, the clipper having associated with it a nail file that is pivoted to the clipper and is adapted to be folded thereagainst when not in use and to be unfolded for use. The nail files associated with clippers of this kind are loosely connected to members of the clippers and when they are unfolded and used, there is absence of means for holding them in the unfolded position, and it is necessary to offer resistance in the use of the file to prevent its movement away from the nail being operated upon, the usual manner of affording this resistance being that of placing the finger of the user against the back of the file. This, however, is unsatisfactory, for the reason that the finger does not give a firm support for the file and is, therefore, permitted to yield backwardly while in use, with the result of unsatisfactory filing action.

The object of my invention is to provide means embodied in the clipper and file whereby the file may be firmly held while it is unfolded.

Figure I is a top or plan view of a nail clipper and file having my improvement embodied therein with the file folded. Fig. II is a side elevation of the clipper file with the file folded. Fig. III is an enlarged perspective view of the file unfolded.

In the accompanying drawings:—1 designates the body of my nail clipper, at the forward end of which is a jaw 2 that is provided with a cutter 3.

4 is a movable jaw pivoted to the jaw 2 at 5 and which is provided with a cutting edge 6 that is movable to and from the cutting edge of the other jaw.

8 is a lever pivoted intermediate of its ends at 9 to the body 1 and the forward arm of which is located beneath the tail 7

of the jaw 4, thereby providing for the actuation of the jaw 4 to carry its cutting edge 3.

Reverse movement of the movable jaw 4 is obtained by the employment of a spring 10 that is situated between the jaws 2 and 4 and is preferably arranged around the pivot pin at 5 and has arms that rest against the jaws.

11 is a latch yoke that is movably connected to the rear end of the body 1 by a pivot pin 12 and is adapted to occupy a position over the free end of the lever 8 to hold the lever depressed when it is not in use, but which may be swung into the position seen in dotted lines, Fig. II, to free the lever when the clipper is to be used.

13 designates a nail file provided with ears 14 by which the file is pivotally connected to the pivot pin 12 in order that it may be folded into the position seen in Fig. II and extended into the unfolded position seen in Fig. III.

15 is a spring located at the point of pivotal mounting of the file and by which said file is moved to the folded position and retained in such position when not in use.

The nail clipper and file made as thus far specifically described is known to be old and no invention *per se* is herein claimed for the parts enumerated.

In the rear or heel end of the file 13 is an opening 16 and extending from the rear end of the lever 8 is a prong 17 that is adapted to enter into said opening when the file is swung into the unfolded or extended position seen in Fig. III, and by reason of virtual entrance, the file is firmly held in its extended position due to the engagement between the lever and the file preventing the turning of the file upon its pivot. After the prong 17 has been introduced into the opening in the file, the latch 11 is swung into position over the free end of the lever and acts to maintain the connection between the lever and the file to firmly hold the file at the same time that it holds the lever in its depressed position, and the file may, therefore, be utilized with a high degree of satisfaction due to its being held from movement upon its pivot.

I claim:—

1. A combined nail clipper and file, comprising a clipper body, a file pivoted to said clipper body, a movable member pivoted to

said body, and means for connecting said movable member to said file when the file is in an extended position, whereby the file is held from turning on its pivot in either direction.

2. A combined nail clipper and file, comprising a clipper body, a file pivoted to said clipper body, a movable member pivoted to said body, means for engagement between said movable member and said file when the file is in an extended position, and a latch for maintaining the engagement specified.
3. A combined nail clipper and file, comprising a clipper body, a movable member carried by said clipper body, a file member pivoted to said clipper body and adapted to be swung into an extended position and toward which said movable member is adapted to be moved when the file is in an extended position; one of said members being provided with an opening and the other member being provided with a prong adapted to enter said opening to hold the file from movement relative to the clipper body.
4. A combined nail clipper and file, comprising a clipper body, a movable member carried by said clipper body, a file pivoted to said clipper body and adapted to be swung into an extended position and toward which said movable member is adapted to be moved when the file is in an extended position; said movable member being provided with a prong, and said file being provided

with an opening adapted to receive said prong to hold the file from movement relative to the movable member.

5. A combined nail clipper and file, comprising a clipper body, a movable member carried by said clipper body, a file pivoted to said clipper body and toward which said movable member is moved when the file is in an extended position; one of said members being provided with an opening, the other member being provided with a prong entering into said opening to provide engagement of such parts, and a latch pivoted to said body engaging said movable member to maintain the engagement between it and the file.

6. A combined nail clipper and file, comprising a clipper body, a movable member carried by said clipper body, a file pivoted to said clipper body and toward which said movable member is moved when the file is in an extended position; said movable member being provided with a prong, and said file being provided with an opening receiving said prong, and a latch pivoted to said body engaging said movable member to maintain the engagement between it and the file.

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In the presence of—
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