

(No Model.)

J. M. PALMER.

POCKET KNIFE.

No. 253,887.

Patented Feb. 21, 1882.



Fig. 1.



Fig. 2.

Witnesses:  
C. A. Shaw  
D. J. Dickinson

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# UNITED STATES PATENT OFFICE.

JAMES M. PALMER, OF CAMBRIDGE, MASSACHUSETTS.

## POCKET-KNIFE.

SPECIFICATION forming part of Letters Patent No. 253,887, dated February 21, 1882.

Application filed October 25, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES M. PALMER, of Cambridge, in the county of Middlesex, State of Massachusetts, have invented a certain new and useful Improvement in Pocket Knives or Knife-Blades, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which my invention appertains to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side elevation, showing my improved knife-blade mounted in a handle; and Fig. 2, a view showing the ordinary transverse file-teeth which I sometimes use on the side of the blade opposite the longitudinal file-teeth.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

My invention relates to knives which are especially designed for cleaning and trimming finger-nails; and it consists in a finger-nail blade having file-teeth arranged in parallel lines extending in the direction of the length of the blade, whereby the act of filing the finger-nails can be performed with greater facility than with the ordinary file-blades wherein the file-teeth are arranged laterally across the same.

Files of this description are employed principally in paring or trimming the nails, and when formed as shown in Fig. 2 it is difficult to use them with ease and convenience, as the blade of the knife has to be held in a horizontal position, pressed firmly against the ex-

trinity of the nail, and moved back and forth in contact therewith, the finger being left unsupported during the operation.

In the use of my improvement, or of a knife-blade provided with a longitudinal file, the knife-handle is held in a vertical or nearly upright position, the file on the blade being pressed against the extremity of the nail and moved with a reciprocating motion back and forth, while the finger being operated on is supported or steadied by the thumb of the operating-hand, or hand in which the knife is held, thus greatly facilitating the process.

I sometimes construct the blade with the longitudinal file C on one of its sides, and the lateral file D on its opposite side, thus securing all the advantages pertaining to each form of construction in one implement.

In Fig. 1 the blade B is represented as being jointed in the usual manner to the handle A; but it will be obvious that the blade may be rigidly attached to the handle by a tang or otherwise without departing from the spirit of my invention.

Having thus described my invention, what I claim is—

In a finger-nail knife-blade, the combination of a shank, a cutting-blade end, and the longitudinally-arranged file ribs or teeth on the surface of the intermediate portion, substantially as described.

JAMES M. PALMER.

Witnesses:

C. A. SHAW,

DENISON D. DICKINSON.