S. F. LEACH.

Rests for Cutting-Nippers.

No. 146,345. Patented Jan. 13, 1874.

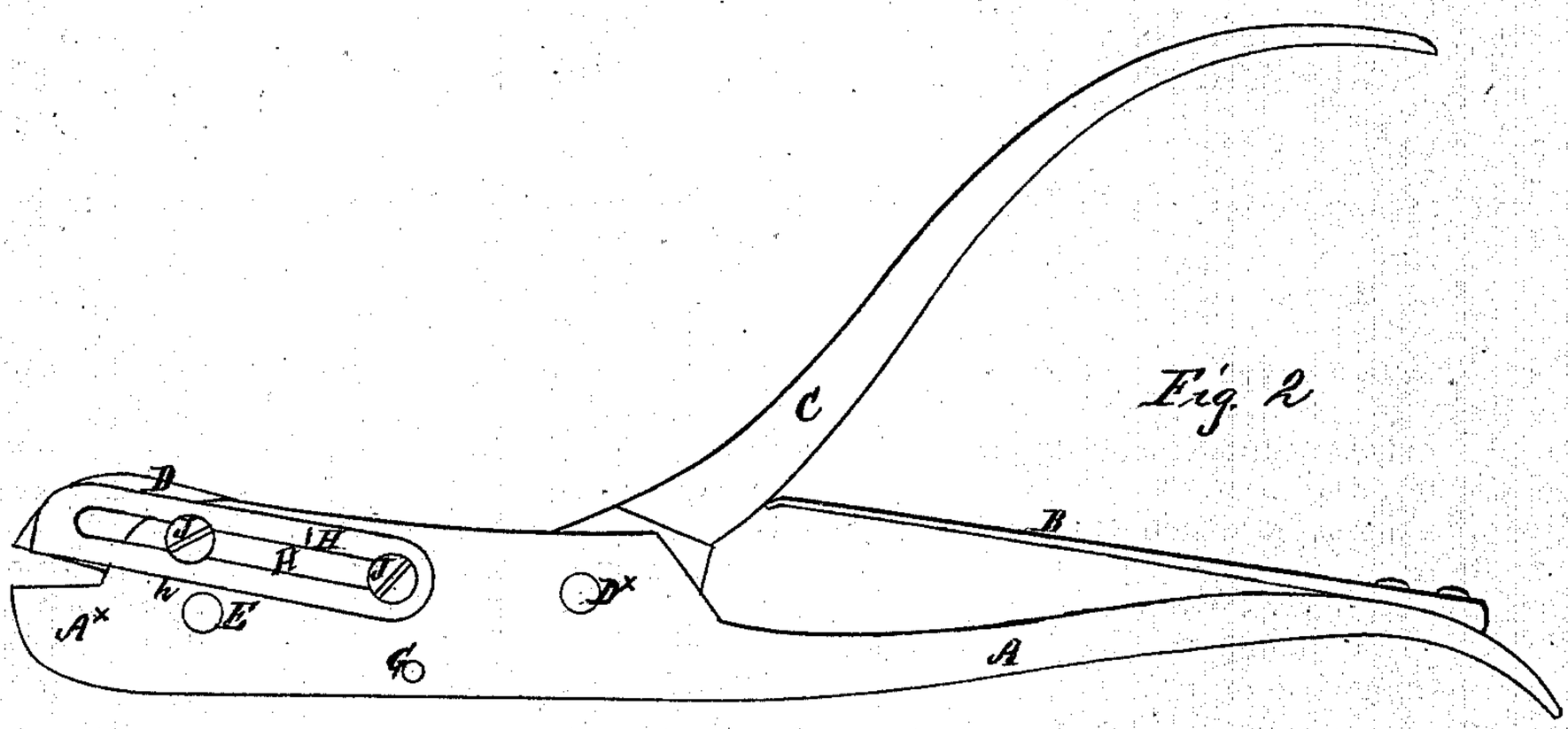

Fig. 2

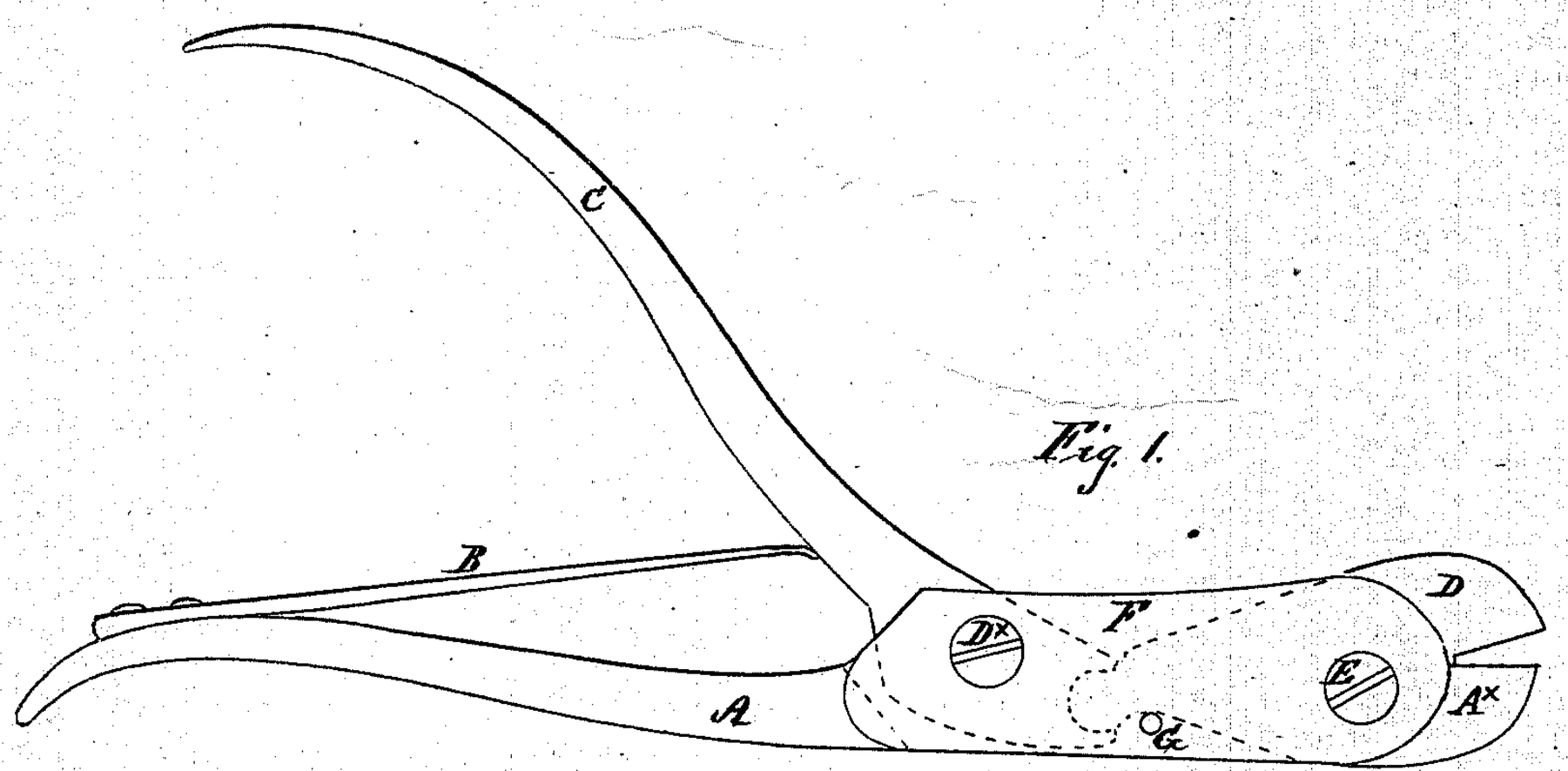

Fig. 1.

Attest,
Lemuel P. Parks
Jerome W. Packard

Inventor,
Samuel Fredrick Leach.

UNITED STATES PATENT OFFICE.

SAMUEL F. LEACH, OF CHELSEA, MASSACHUSETTS.

IMPROVEMENT IN RESTS FOR CUTTING-NIPPERS.

Specification forming part of Letters Patent No. **146,345**, dated January 13, 1874; application filed October 6, 1873.

To all whom it may concern:

Be it known that I, SAMUEL FREDERICK LEACH, of Chelsea, Suffolk county, State of Massachusetts, have invented a new and Improved Wire-Cutter, of which the following is a specification:

My invention relates to improvements in rests applied to wire-cutters and other similar tools, for the purpose of holding the wire or strip of metal to be cut at right angles to the cutting-jaws during the operation of cutting, whereby the rests may be readily drawn into position for use when required, while at other times they may be drawn backward out of the way of the jaws and cutting-edges.

In carrying out my invention, I arrange on the outer surface of the side of one of the lever-jaws a plate, provided with an elongated slot, the sides of which are parallel to the working edge of the plate. This plate is held to the side of the jaw of the cutter by means of a pair of screws or other retaining means, so as to be capable of sliding into and out of position in a line parallel with the lower edge of the cutting-surface of the upper jaw of the tool; but that my invention may be fully understood, I will proceed to describe the same in detail by aid of the accompanying drawing.

Figures 1 and 2 represent opposite side views of a wire-cutter with my improved rest applied thereto.

A represents the lower handle, and C the upper handle of a wire-cutter, the front portion of the lower handle A being extended and formed with a jaw, A*, while the upper handle is pivoted at D*, and at its front end operates the upper or moving jaw D, which is pivoted at E. F is a plate which forms one side of the cutter, and is connected to the same by the screws D* E. G is a stop to prevent the spring B from forcing the parts too far out. H represents my improved rest applied to the outer surface of the side of the wire-cutter, and provided with an elongated slot, H′, the sides of which are parallel to the working edge *h* of the plate H. This plate H is held in position by means of screws J J, so as to be capable of sliding into position, as indicated in Fig. 1, or of being drawn readily backward out of the way of the jaws when not required.

It will be seen that the rest H is controlled to move into and out of position in a line parallel to the lower edge of the cutting-surface of the upper jaw of the tool, and that by this arrangement the rest is never in the way of the workman, and is not liable to be bent or broken off, as is the case with pivoted rests, which have to be turned on their axes in order to be moved into or out of position.

Having thus described my invention, I would have it understood that I separately lay no claim to the arrangement or construction of the cutter as shown and described; but

What I do claim, and desire to secure by Letters Patent, is—

The combination, with a cutter, of a rest, H, provided with an elongated slot, H′, and working on screws or pins J J, so as to be capable of being moved into and out of position in a line parallel to the cutting-surface of the upper jaw, substantially as shown and described.

SAMUEL FREDERICK LEACH.

Witnesses:

LEMUEL P. JENKS,

JEROME W. PACKARD.