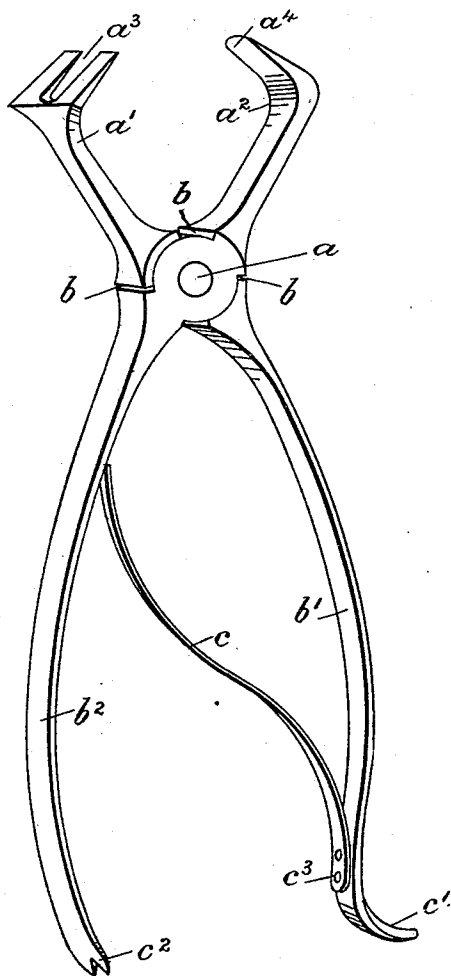


(No Model.)

F. E. LESLIE.
TOBACCO PLUG EXTRACTOR.

No. 362,981.

Patented May 17, 1887.



Witnesses

C. T. Beer

Walter Allen

Inventor

Frank E. Leslie

By his Attorney

Herbert W. Jenner

UNITED STATES PATENT OFFICE.

FRANK E. LESLIE, OF FELICITY, OHIO.

TOBACCO-PLUG EXTRACTOR.

SPECIFICATION forming part of Letters Patent No. 362,981, dated May 17, 1887.

Application filed August, 16, 1886. Serial No. 211,072. (No model.)

To all whom it may concern:

Be it known that I, FRANK E. LESLIE, a citizen of the United States, residing at Felicity, in the county of Clermont and State of Ohio, have invented certain new and useful Improvements in Tobacco-Plug Extractors; and I hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to the letters and figures of reference marked thereon, which form a part of this specification.

15 This invention consists of a combination-tool for the use of tobacco-sellers for extracting plugs of tobacco from the boxes in which they are packed for shipment, and, in addition to nippers for seizing and separating the plugs of tobacco, it comprises appliances for opening cigar-boxes.

The figure in the drawing shows a perspective view of the tobacco plug extractor complete.

25 The nippers for seizing the plugs consist of two jaws pivoted upon the rivet *a*. The jaw *a'* is provided with a double prong, *a²*, and the jaw *a²* is provided with a single prong, *a¹*, which interlocks with the double prong *a²* when the jaws are pressed together, unless prevented by the stop on the hinge. The prongs are made tapering in thickness toward their points, which are sharp. The outside surfaces of the prongs are flat and flush with one another when pressed together. The point of the single prong *a¹* is rounded, but the points of the double prong *a²* are left square. It is not necessary that the points of prong *a²* should be square, or that the single prong should lock

into the space between them when the prongs 40 are pressed together; but the single prong must work in a plane opposite to the said space between the points of the double prong. This construction of the nipper-jaws specially adapts them for seizing and separating all 45 sorts and shapes of tobacco-plugs which are packed together in boxes. The nippers are crossed at the joint, which is provided with stops *b* to prevent the jaws from being opened too far in either direction. 50

The continuation of the jaw *a²* forms the handle *b²*, the end *c²* of which forms a claw which can be used for taking the nails out of cigar-boxes.

The continuation of the jaw *a'* forms the 55 handle *b'*, the end *c'* of which is bent and can be used to force open the lids of cigar-boxes. A spring, *c*, is secured to the handle *b'* by the rivets *c¹*, and presses upon the handle *b²*, so as to keep the jaws open when not in use. 60

What I claim is—

In a tobacco-extractor, the combination of the jaw *a'*, having the sharp-ended double prong *a²*, the jaw *a²*, having the sharp-ended single prong *a¹*, working in a plane opposite 65 the space between the points of the double prong, so that it may interlock with it if the jaws are pressed close together, a stop-pivot hinge for the said jaws, the handle *b²*, provided with a nail-claw at its end, the handle 70 *b'*, having the bent end *c'*, and a spring between the handles for keeping the jaws apart.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK E. LESLIE.

Witnesses:

E. L. WALKER,
JOHN WALKER.