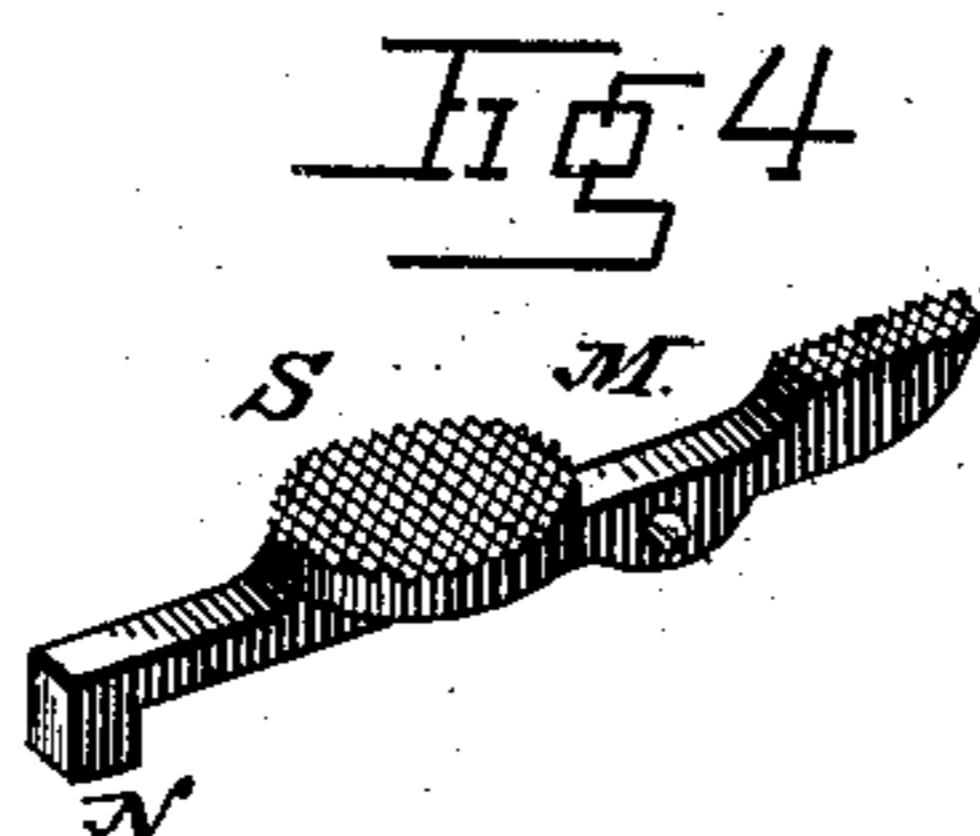
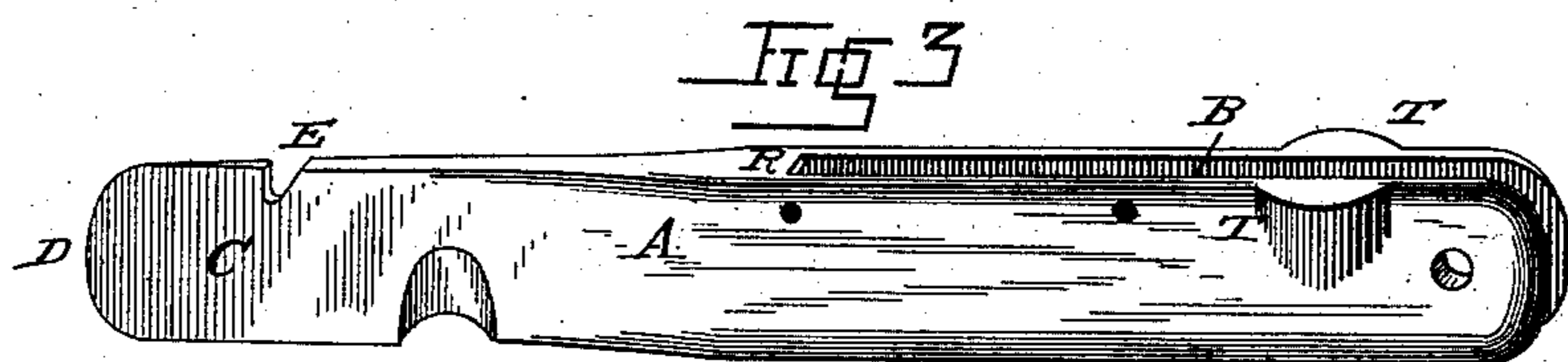
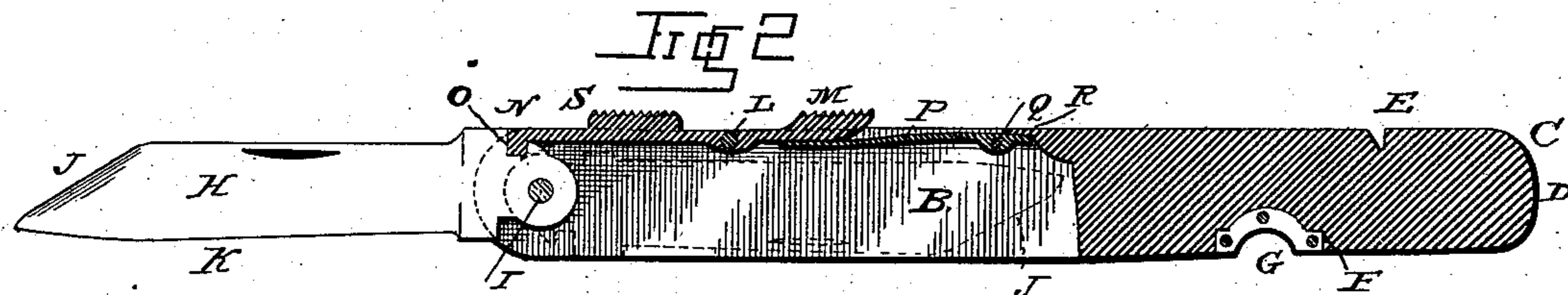
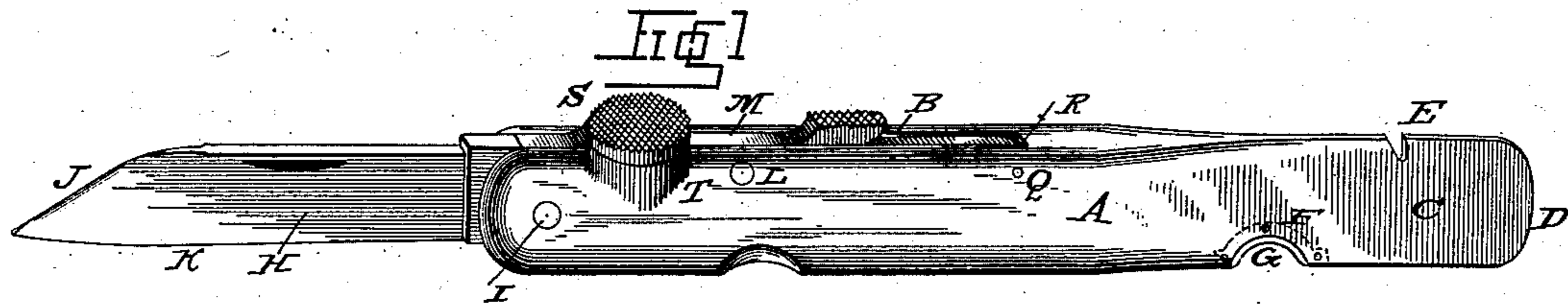


(No Model.)
F. G. DIETERICH & E. C. WALFORD.

CIGAR DEALER'S KNIFE.

No. 292,473.

Patented Jan. 29, 1884.



WITNESSES: .

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UNITED STATES PATENT OFFICE.

FRED G. DIETERICH AND EDGAR CHARLES WALFORD, OF WASHINGTON, D. C.

CIGAR-DEALER'S KNIFE.

SPECIFICATION forming part of Letters Patent No. 292,473, dated January 29, 1884.

Application filed February 20, 1883. (No model.)

To all whom it may concern:

Be it known that we, FRED G. DIETERICH and EDGAR CHARLES WALFORD, citizens of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Cigar-Dealers' Knives; and we do 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 drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to an improved knife or combined tool intended and adapted especially for the use of cigar-dealers, and comprising in one a number of such small tools as are frequently required in this business for prying open and closing cigar-boxes, canceling the revenue-stamps, and the like; and it consists in the improved construction of the said implement, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, Figure 1 is a perspective view. Fig. 2 is a longitudinal sectional view. Fig. 3 is a detail view of the handle, and Fig. 4 is a detail view of the spring-catch.

The same letters refer to the same parts in all the figures.

A in the drawings designates the handle, which is to be cast or otherwise formed of iron or other material. This handle is provided at its upper end with a slot or recess, B, to receive a knife-blade. The lower end of the handle is tapered so as to form a flat blade, C, the end of which may be rounded, as at D, and which is useful for prying open cigar-boxes. The blade C has on one side a notch, E, for drawing and straightening tacks, and at the other side a notch, F, at the edge of which is secured a small curved steel blade, G, for cutting the tips of cigars.

H is a stout steel blade for general use, which is pivoted, in the usual manner, upon a pin, I, at the upper or front end of the slot or recess B, into which it may be folded. The back of this blade is ground off angularly at the point, forming a short stout cutting-edge,

J, which is convenient for scraping and canceling the cigar-stamps, which may thus be done without dulling and injuring the cutting-edge proper, K, of the knife-blade. When the latter is folded, as will be seen in dotted lines in Fig. 2, the edge J comes within the recess B, so that it will not be liable to cut and injure the pocket in which the implement may be carried.

Upon a transverse pin, L, in the slot or recess B at the back of the knife-handle, is pivoted a lock-catch, M, having a tooth, N, engaging a notch, O, in the inner end of the knife-blade, so as to hold the latter securely when opened. The lower inner end of the lock-catch is acted upon by a spring, P, mounted upon a transverse pin, Q, the inner end of said spring resting against a shoulder, R, at the lower end of the recess B. By the action of this spring the lock-catch is thrown into engagement with the knife-blade, so as to operate in the manner and for the purpose stated. The outer side of the lock-catch, which, it should be stated, is to be cast or otherwise formed of steel, is formed with a suitably-shaped flat disk or plate, S, the outer side or face of which may be serrated, as shown. The back of the knife-handle is formed, near its upper end, with shoulders T, upon which the said plate rests and is supported. This plate forms a small hammer for driving tacks in the cigar-boxes. Being made of steel, it is useful and durable for this purpose, as it protects the handle, which is made of softer metal, from being injured and defaced by the driving of tacks. Injury to the lock-catch itself is also prevented by the plate or disk S being supported upon the shoulders T of the handle.

The operation and advantages of this invention will be readily understood from the foregoing description, taken in connection with the drawings hereto annexed. It combines in a convenient and portable form a number of small tools which are frequently used by cigar-dealers, and obviates the inconvenience of using a pocket-knife, which is easily broken and injured by rough usage. It may be easily made in a durable manner, and at a small cost.

We claim as our invention and desire to secure by Letters Patent of the United States—

1. A knife-handle having a slot or recess to receive a folding blade, and having a tapering lower end forming a flat blade integral with the said handle, and having in one side a tack-drawing notch, and at the other side a notch the edge of which is provided with a curved steel blade, substantially as and for the purpose set forth.
2. In a folding knife, a lock-catch formed of steel, and having a serrated plate or disk adapted to serve for driving tacks, substantially as set forth.
3. In a folding knife, the combination, with the handle formed with shoulders upon its back near the upper end, of the folding blade and a lock-catch formed with a serrated plate or disk adapted to rest upon and be supported by the said shoulders, substantially as set forth.
4. In a folding knife, a cast-metal handle formed with a slot to receive the folding blade, and having shoulders upon the back near the upper end; in combination with the folding blade, a lock-catch formed with a plate or disk adapted to rest upon and be supported by the shoulders of the handle, said lock-catch being pivoted upon a transverse pin in the back of the handle, and an operating-spring mounted upon a transverse pin below the lock-catch, and bearing at its lower end against a shoulder at the lower end of the slot in the handle, substantially as set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

FRED G. DIETERICH.
EDGAR CHARLES WALFORD.

Witnesses:

JOHN G. HINKEL,
GEORGE BINKENBURG.