

(No Model.)

W. T. LEGATES.

WHIFFLETREE HOOK.

No. 389,396.

Patented Sept. 11, 1888.

Fig. 1.

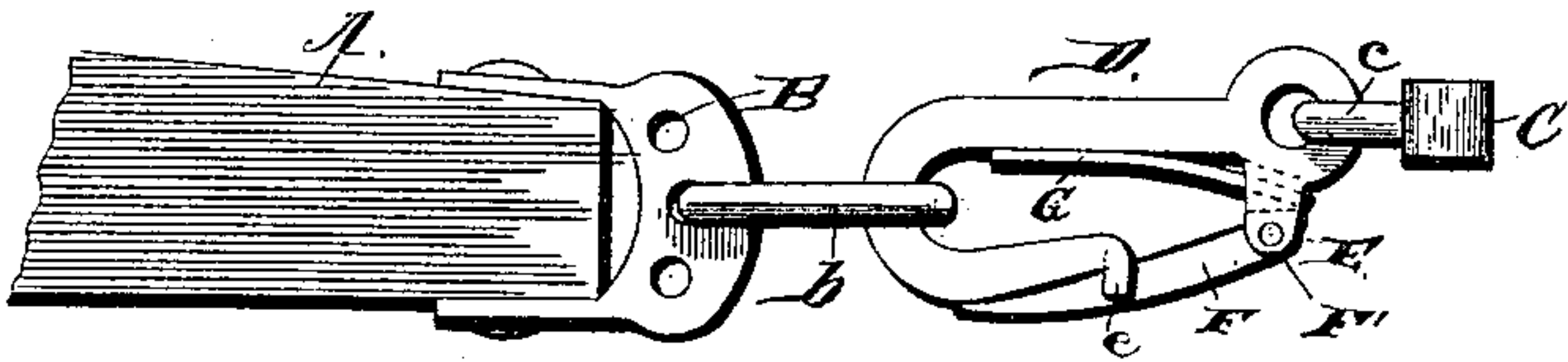
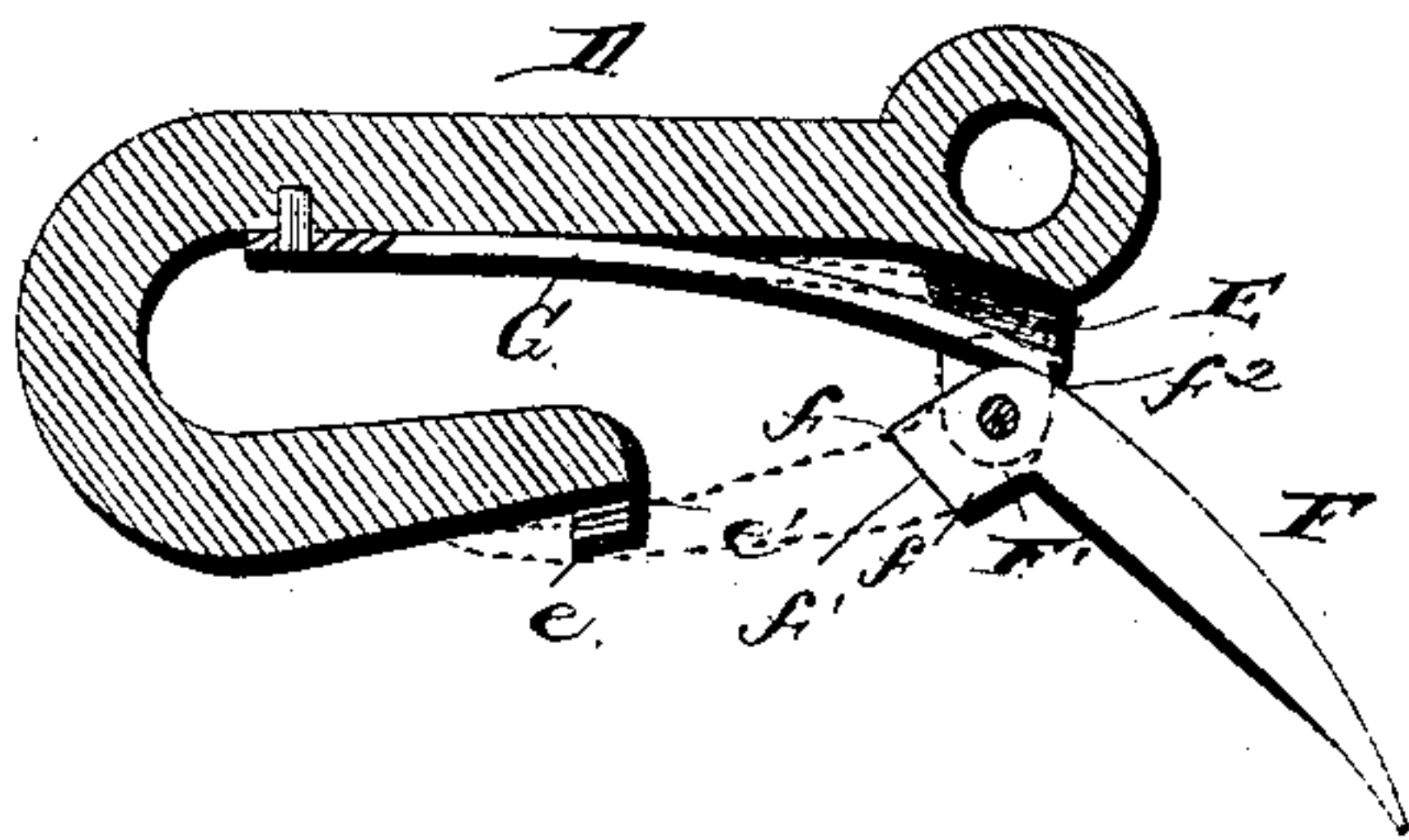


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM T. LEGATES, OF FEDERALSBURG, MARYLAND.

WHIFFLETREE-HOOK.

SPECIFICATION forming part of Letters Patent No. 389,396, dated September 11, 1888.

Application filed May 5, 1888. Serial No. 272,934. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM T. LEGATES, a citizen of the United States, residing at Federalburg, in the county of Caroline and State of Maryland, have invented new and useful Improvements in Whiffletree Hooks, of which the following is a specification.

The invention relates to improvements in whiffletree-hooks such as are adapted to connect a singletree or doubletree to the clevis of a plow-beam; and it consists in the construction and novel combination of parts hereinafter described, illustrated in the accompanying drawings, and pointed out in the appended claims.

Figure 1 of the drawings represents a side elevation of a whiffletree-hook embodying the invention and connecting a singletree and plow-beam. Fig. 2 represents a longitudinal sectional view of the hook detached with the latch-arm thrown back.

Referring to the drawings by letter, A designates a plow-beam, B the clevis attached thereto, and *b* the clevis-ring.

C is a singletree having the traces attached to its ends and provided with the pivotal clip *c*, which passes through the eye of the whiffletree-hook D. The said hook has the opposite ears E E depending from a point below its eye and the ears *e e* depending from its point and forming between them the seat *e'* for the arm F, the butt F' of which is pivoted between the ears E. The said butt is generally rectangular, and is provided with the angular corners *ff*, between which is the flat edge *f'*, nearly parallel with the arm, and the rounded corner *f''* between its lower edge and end.

G is a strong spring secured at one end to the inner surface of the shank of the hook and with its free end bearing upon the butt F' of the arm F. When the said arm is closed, the spring presses upon the flat edge *f'* on the opposite side of the pivotal point and retains it

closed, and when the arm is turned off or open the spring presses upon its lower surface turned upward and keeps it extended. The arm, when closed, will keep the clevis-ring *b*, which engages the hook, from being accidentally detached. The seat *e'* is preferably made curved, and the convex upper surface of the arm F fits snugly therein.

Having described my invention, I claim—

1. A whiffletree-hook having the ears *e e* depending from the under side of its point, forming the seat *e'* between them, an arm pivoted near the eye of the hook and resting in the seat between the ears *e e*, and a spring secured to the inner surface of the shank of the hook and bearing on the butt of said arm to hold the same either open or closed, as set forth.

2. A whiffletree-hook provided with opposite ears standing outward from its eye, an arm having its heel pivoted between said ears and closing the space between the eye and point of the hook, and a spring having its fixed end secured to the inner surface of the shank of the hook and its free end pressing on the butt of the arm to retain the same either open or closed, substantially as specified.

3. The herein-described whiffletree-hook having the eye *d*, the ears E E standing from the eye, the concave seat *e'* on its point, the arm F, having the rectangular butt F', provided with the angular corners *ff*, the rounded corners *f''*, and the straight flat edge *f'*, and the spring G, secured to the shank of the hook and bearing on the butt of the said arm, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM T. LEGATES.

Witnesses:

WILLIAM H. ALBURGER,
JAMES H. MOORE.