

(Model.)

G. W. HEALEY.
Horse Detacher.

No. 238,586.

Patented March 8, 1881.

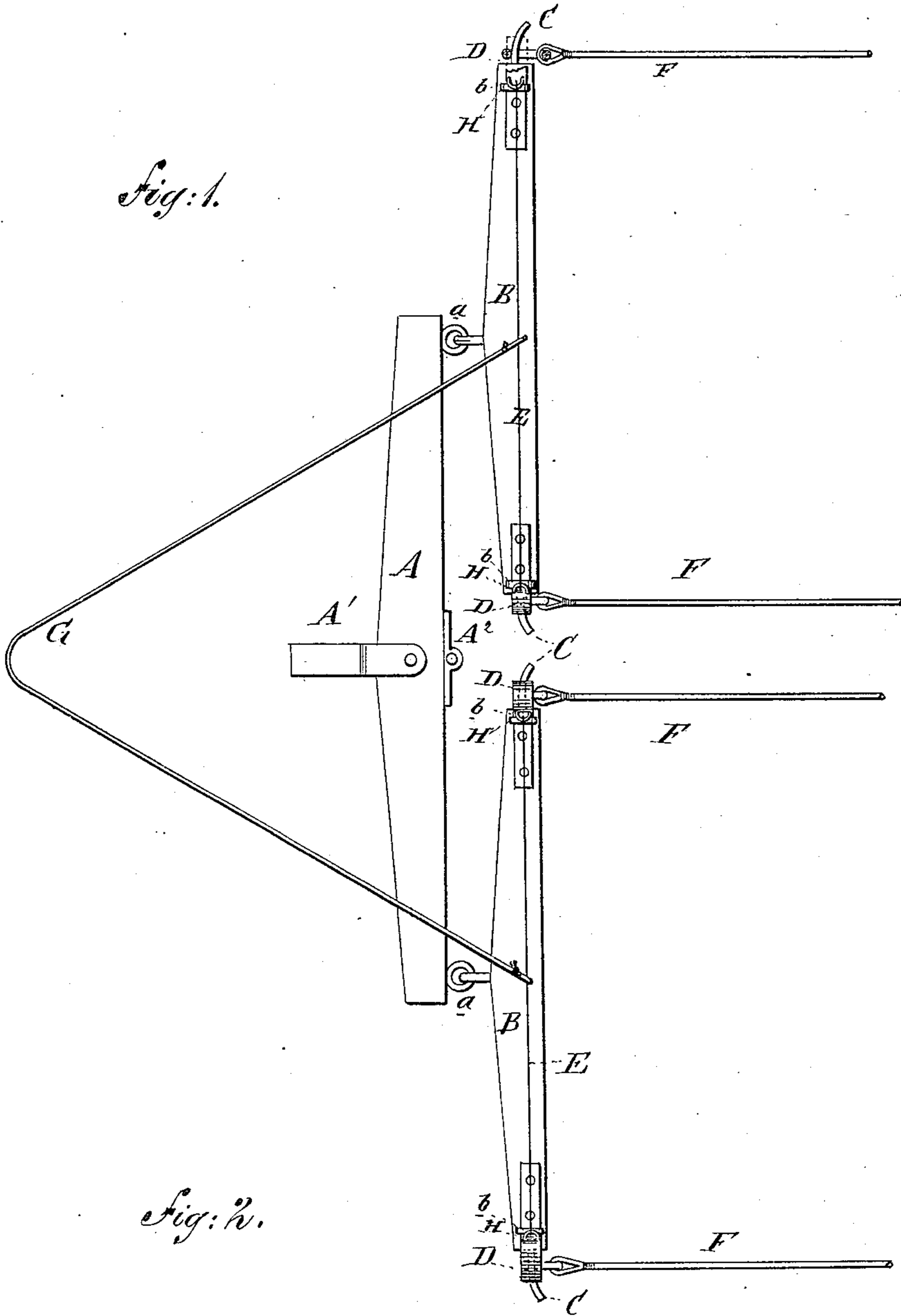
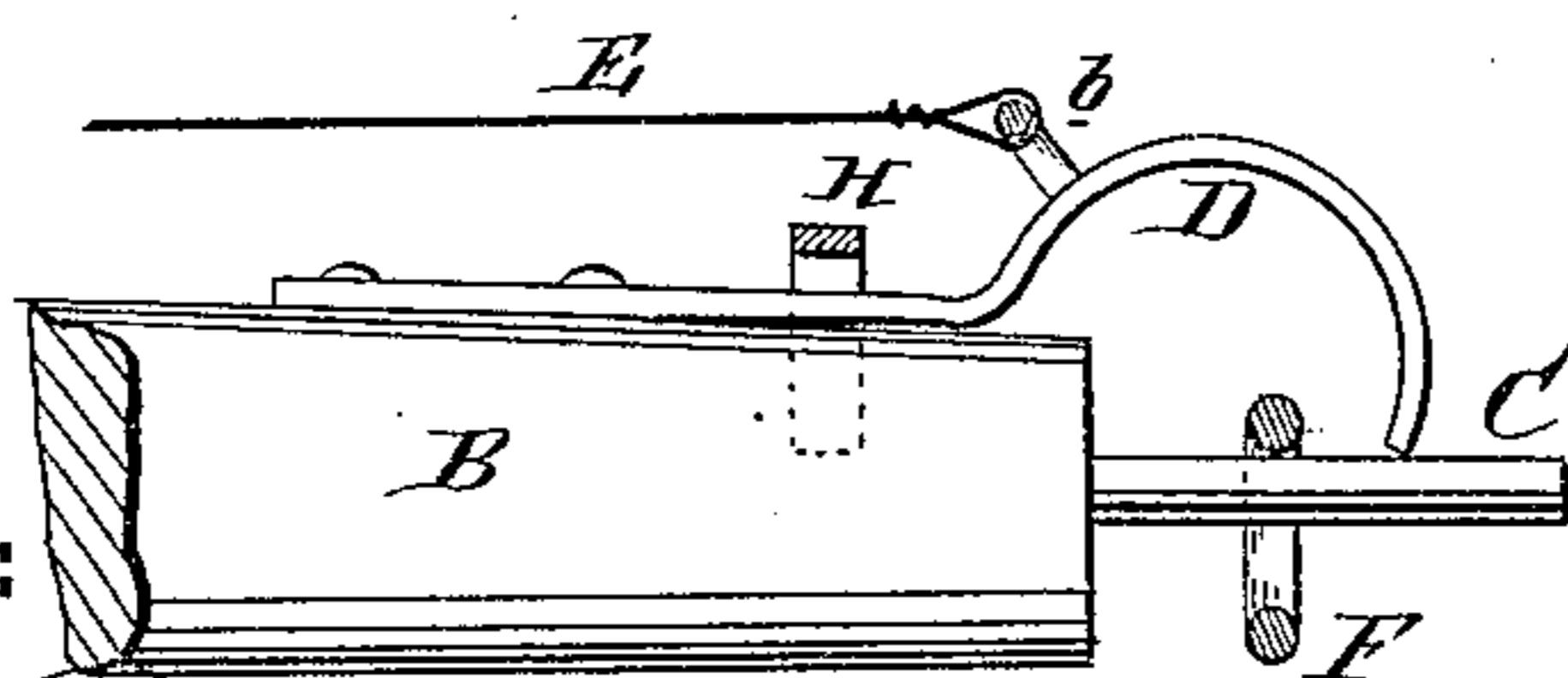


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE W. HEALEY, OF JACKSON, MISSOURI.

HORSE-DETACHER.

SPECIFICATION forming part of Letters Patent No. 238,586, dated March 8, 1881.

Application filed September 21, 1880. (Model.)

To all whom it may concern:

Be it known that I, GEORGE W. HEALEY, of Jackson, Cape Girardeau county, State of Missouri, have invented a new and useful Improvement in Horse-Detaching Single-Trees, of which the following is a specification.

The object of this invention is to provide a simple and efficient means for quickly detaching frightened or runaway horses from a vehicle.

The invention consists of a forward curved stud inserted in each end of a single-tree to receive the rear ends of the traces, of springs secured on the face of the single-tree and bending down in contact with said studs to prevent the traces from accidentally slipping off, and of a wire or rod connecting the said springs, whereby the springs are raised from the studs that the traces may become disengaged therefrom.

In the drawings, Figure 1 is a plan of the device. Fig. 2 is an enlarged side elevation of an end of a single-tree, showing the stud, spring, and wire in position.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the double-tree, provided with clip or clevis A' and clamp A².

To the ends of the double-tree A the single-trees B B are attached in the usual manner by the eyebolts a a.

Projecting from each end of the single-trees B are the studs C C, that are curved slightly forward that the traces F may slip readily from them.

On the upper surfaces of the single-trees B B, at the ends thereof, are secured the flat springs D D, whose free ends extend beyond the ends of the single-trees B B and are curved

into a semicircular form, so that their extremities rest upon the studs C C, near the ends thereof.

On the back of each spring D D is a ring, b, or other projection, to which is attached an end of a wire or rod, E, that extends from one to the other of said springs D D, so that an upward pull on said wire or rod E will raise the ends of said springs D D from the studs C C, and permit the traces F F to become disengaged therefrom by a slight pull upon traces F F.

G represents a cord or chain, which is attached to the wires or rods E, and is designed to be within reach of the driver, by means of which he may disengage said springs D D from the studs C C.

H H are staples driven into the face of the single-tree B over the springs D D, to limit their motion.

I do not confine myself to this especial method of operating the springs D D, as it is obvious that they can be worked by suitably-arranged levers, chains, or straps.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent—

1. A horse-detaching device constructed substantially as herein shown and described, consisting of curved studs C C, springs D D, and wire or rod E, in combination with a single-tree, B, as set forth.

2. In a horse-detaching device, the combination, with the single-tree B, of the curved studs C C and springs D D, substantially as herein shown and described.

GEORGE WESLY HEALEY.

Witnesses:

JAMES F. BROOKS,

CHARLES R. FENSMORE.