

D. COON.
Burglar Alarm.

No. 17,406.

Patented May 26, 1857.

Fig. 1

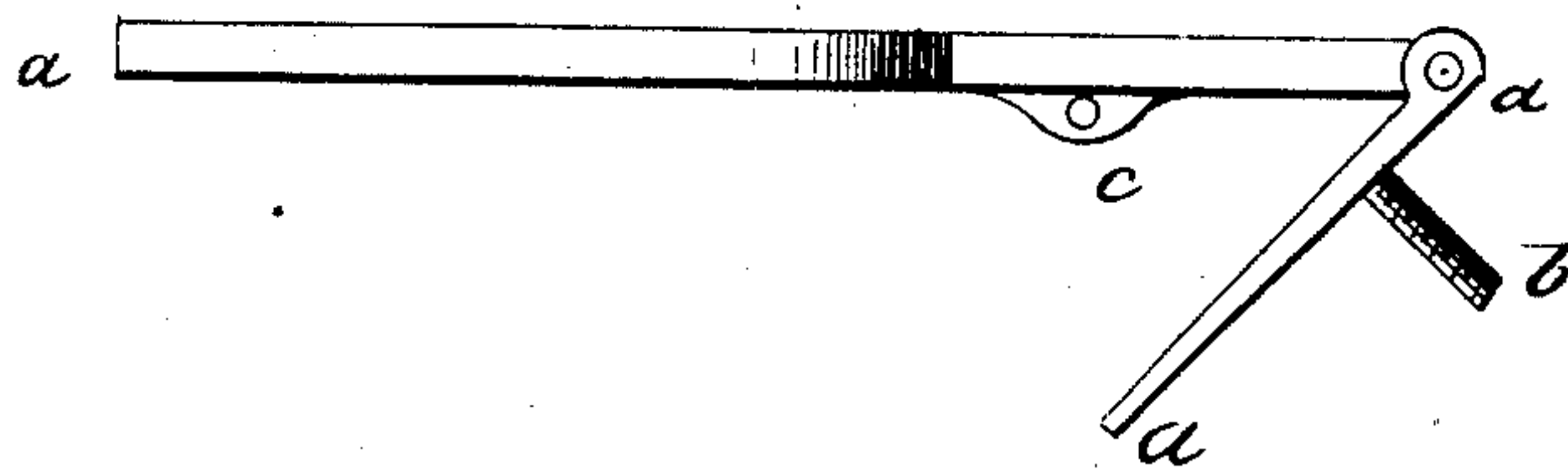


Fig. 2

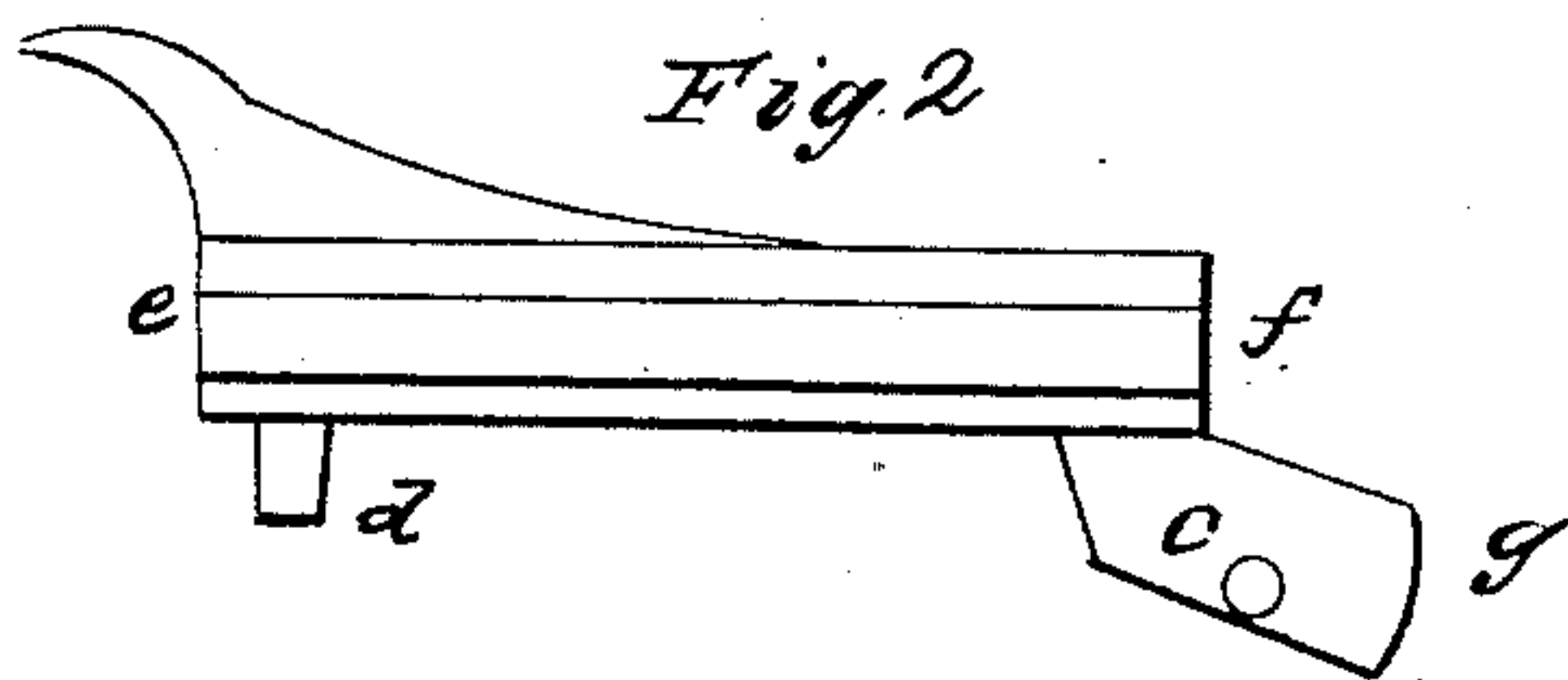


Fig. 3

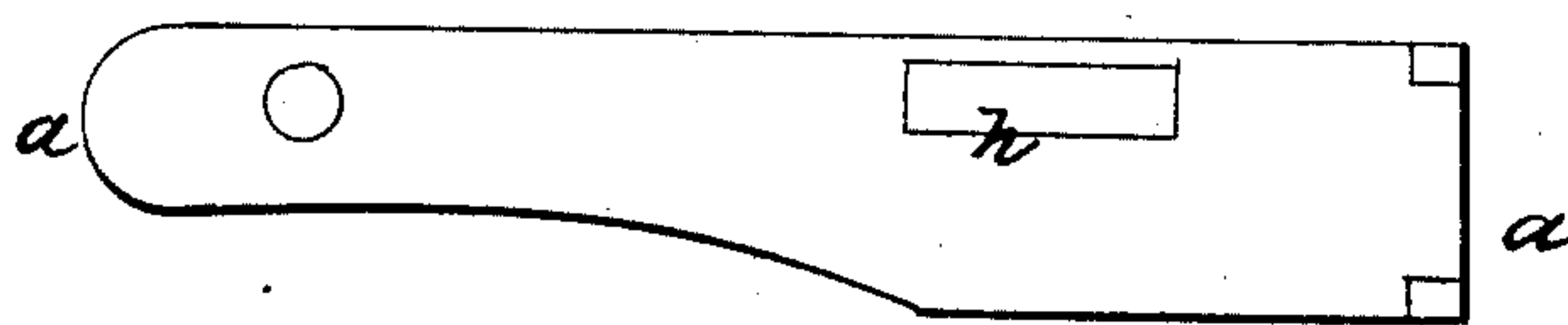
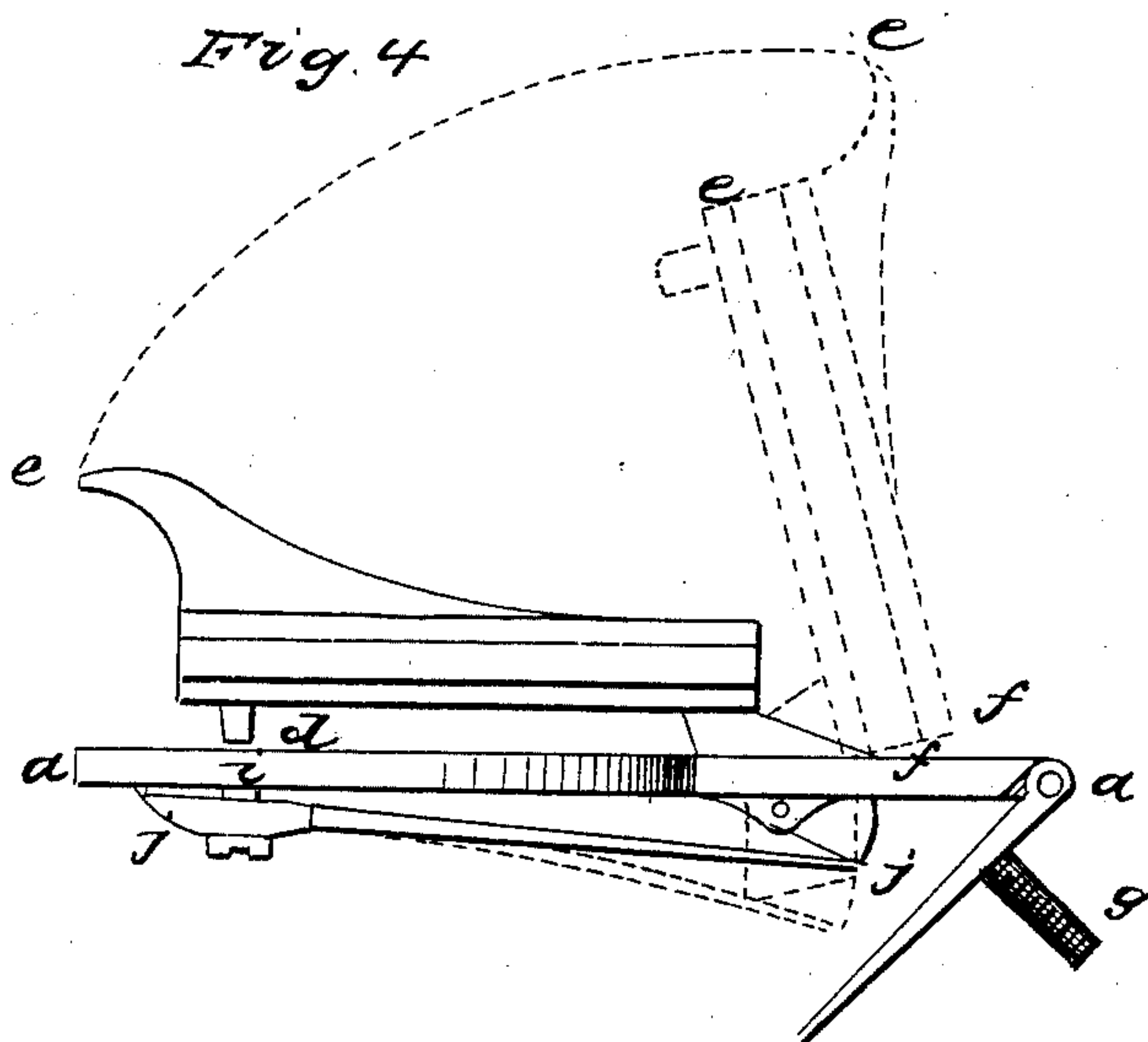


Fig. 4



UNITED STATES PATENT OFFICE.

DAVID COON, OF ITHACA, NEW YORK, ASSIGNOR TO HIMSELF AND B. F. CHESEBROUGH,
OF SAME PLACE.

BURGLAR-ALARM.

Specification of Letters Patent No. 17,406, dated May 26, 1857.

To all whom it may concern:

Be it known that I, DAVID COON, of Ithaca, county of Tompkins, and State of New York, have invented a new and Improved Method of Making Pistols or other Firearms; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and letters of reference marked thereon.

The principal object of said improvement is for the purpose of attaching said pistol to any door at which burglarious entrance is feared, so that the door upon being forced a little way open shall discharge the pistol endangering the burglar and alarming the occupant of the room.

The invention consists in having the stock or plate made of metal, longer than the pistol barrel and extending in front of the muzzle, with the front part of said plate or stock bent back upon itself at an angle of about forty-five degrees; from the central and front part of said bent portion a pointed screw is attached of any suitable length and size. On the under side of said stock or plate there is attached a spring sufficiently strong to drive the hammer down with the force necessary to explode the cap; said spring may be fastened at the back extremity of said plate or at any other convenient point.

The barrel of the pistol is placed upon the plate with the nipple for the cap on its under surface and resting upon the metallic stock or plate. At or near the muzzle on the under side of the barrel there is attached a projection extending forward and downward and passes through an opening in the plate formed for that purpose; and by a pin passed through both the plate and this projection the barrel is secured to the stock or plate in such a manner as to allow of its moving as on a hinge. The lower portion of the projection forms the dog or tumbler upon which the spring before named acts.

The pistol when thus completed and loaded and capped is to be used in the following manner: On the inside casing of the door, at which forcible entrance is feared, at a suitable distance from the edge to allow the door to be opened without interfering with the pistol when it is not cocked the screw is to be firmly screwed into the wood

so as to leave the barrel toward the door. The pistol is then to be cocked by moving the breech out from the stock or plate, by which the muzzle is turned toward and rests upon the plate and is held in that place by the spring pressing upon the proper part of the dog or tumbler; and by the same movement the barrel is so placed that the door cannot be opened without pressing the breech of the pistol toward the stock; by which motion the spring is brought into operation forcing the nipple upon the plate or stock with sufficient force to cause the cap to explode thereby discharging the contents of the pistol through the crack made by the opening door and in the direction of the burglar or other person forcing the door and awakening (if asleep) the occupant of the room. The pistol can be uncapped and removed at pleasure.

Figure 1, is a side view of the stock or plate *a, a, a*; with the screw "*b*," attached to the retroverted portion of said plate. Letter "*c*" denotes the opening for the pin which fastens the barrel to the plate. Fig. 2, is a side view of the barrel of the pistol and its various parts. Letter "*d*" represents the nipple; "*e*" the breech; "*f*" the muzzle; "*g*" the projection or dog with the opening in it at "*c*" for the pin to pass through. Fig. 3, is an upper view of the stock or plate "*a*," "*a*" with the slot or opening "*h*," to receive the dog or tumbler. Fig. 4, is a view of the entire weapon when not set or cocked, the nipple "*d*" resting upon the plate "*a*," "*a*" at the point *i*. Letters *j j* represent the spring. The dotted lines "*e f*" "*e f*," represent the position the barrel occupies when cocked or set; and the dotted lines "*e*" "*e*" represent the arc described by the breech when being cocked.

Another form of making the same is to make the barrel stationary with a screw projecting at a suitable angle from near the muzzle, by which to fasten it to the casing of the door; and to attach the hammer to the barrel at or near the muzzle so that when raised it shall be pressed upon by the opening door in the same manner as the barrel was in the other case.

What I claim as my invention and desire to secure by Letters Patent is.

1. So attaching the barrel of the pistol to its stock or plate at or near the muzzle as to make a hinge joint at or near that point.

2. I claim the combination of spring, plate, tumbler, and barrel by which the barrel becomes the hammer, constructed and operated substantially as described, so that
5 when the pistol is properly fastened to the casing of the door, the barrel being cocked shall be at such an angle, or in such a posi-

tion that the door on opening must necessarily press upon it, and thereby discharge the pistol the contents passing outward.

DAVID COON.

Witnesses:

J. O. M. INGERSOLL,
A. A. JOHNSON.