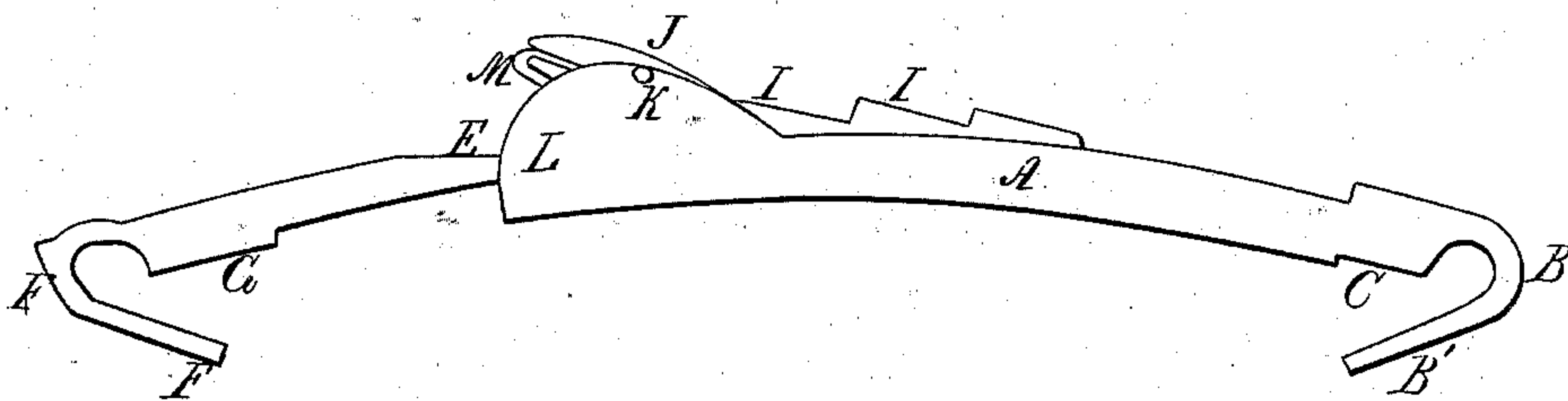


E. Turner,
Home Fastener,
Nº 11,501. Patented Aug. 8, 1854.

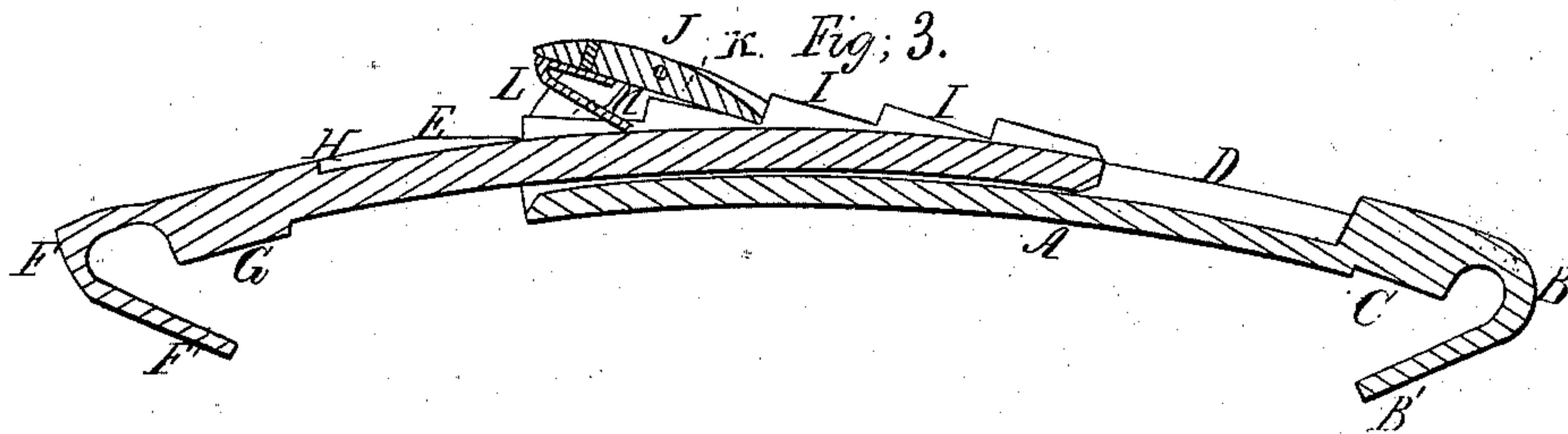
Fig; 1.



Fig; 2.



Fig; 3.



Witnesses.
Thomas B. Haughton
J. Dennis Jr.

Inventor.
E. Turner.

UNITED STATES PATENT OFFICE.

EDWARD TURNER, OF BALTIMORE, MARYLAND.

HAME-FASTENING.

Specification of Letters Patent No. 11,501, dated August 8, 1854.

To all whom it may concern:

Be it known that I, EDWARD TURNER, of Baltimore, State of Maryland, have invented a new and useful Fastening for Hames; and I do hereby declare that the same is described and represented in the following specifications and drawings.

To enable others skilled in the art to make and use my invention I will proceed to describe its construction and use referring to the drawings in which the same letters indicate like parts in each of the figures.

Figure 1, is an elevation of my improved fastening. Fig. 2, is a plan and Fig. 3, a section through the line $z z$ of Fig. 2.

In these drawings A is a curved piece of metal provided with a hook B at one end, which hook is intended to be inserted in the ring upon the end of the hame and the end B' of the hook bent down onto the recess C, and fastened by riveting soldering or otherwise.

The piece A has the groove D in it to which the curved rack or sliding piece E is fitted so as to traverse freely, and this curved rack is provided with a hook F which is to be inserted into the end of the opposite hame and the end F' bent down upon the projection G and fastened by riveting soldering or otherwise.

The sliding piece E has a groove H in it, for the end of a spring to be hereafter described, and upon each side of this groove H there are several inclined notches I I to receive the end of the pawl J which pawl may be made in the form represented or otherwise and fitted to vibrate on the pin K which passes through it and through the cheeks L L which project from the piece A as represented for that purpose.

The rear end of the pawl J has the bent spring M riveted to it the opposite end of

the spring resting on the bottom of the groove H in the sliding piece E. This spring allows the front end of the pawl to be raised, as the notches I I pass under it as the piece E is pushed in and when a notch passes in closes and holds the piece E, in the piece A, very firmly thereby securing the ends of the hames together. Whenever it is desirable to separate the hames the rear end of the pawl may be pressed down with one hand, and the piece E drawn out of the piece A with the other. The sides of the cheeks and the bottom of the groove D are beveled away, and the end of the piece E is chamfered off so that it may be inserted between the cheeks with facility.

By my improved fastening a pair of hames may be connected and fastened, or disengaged with greater ease and in less time than by any other fastening known to me whether it is done in the dark or light.

Another advantage in curving the fastening is that it may be opened and closed without depressing the curve of the collar under it, thereby obviating the defect of straight fastenings, which do depress the curve of the collar under them whenever they are opened or closed.

What I claim as my invention and desire to secure by Letters Patent in the above described fastening for hames is—

A curved rack, fitted to traverse in a groove provided with a vibrating catch operated by a spring substantially as described.

In testimony whereof I have hereunto signed my name.

EDW. TURNER.

Witnesses:

THOMAS B. HAUGHTON,
J. DENNIS, Jr.