(Model.)

W. S. GORDON.

HAY AND COTTON BALING BAND.

No. 255,968 Patented Apr. 4, 1882.

Fig: 1.

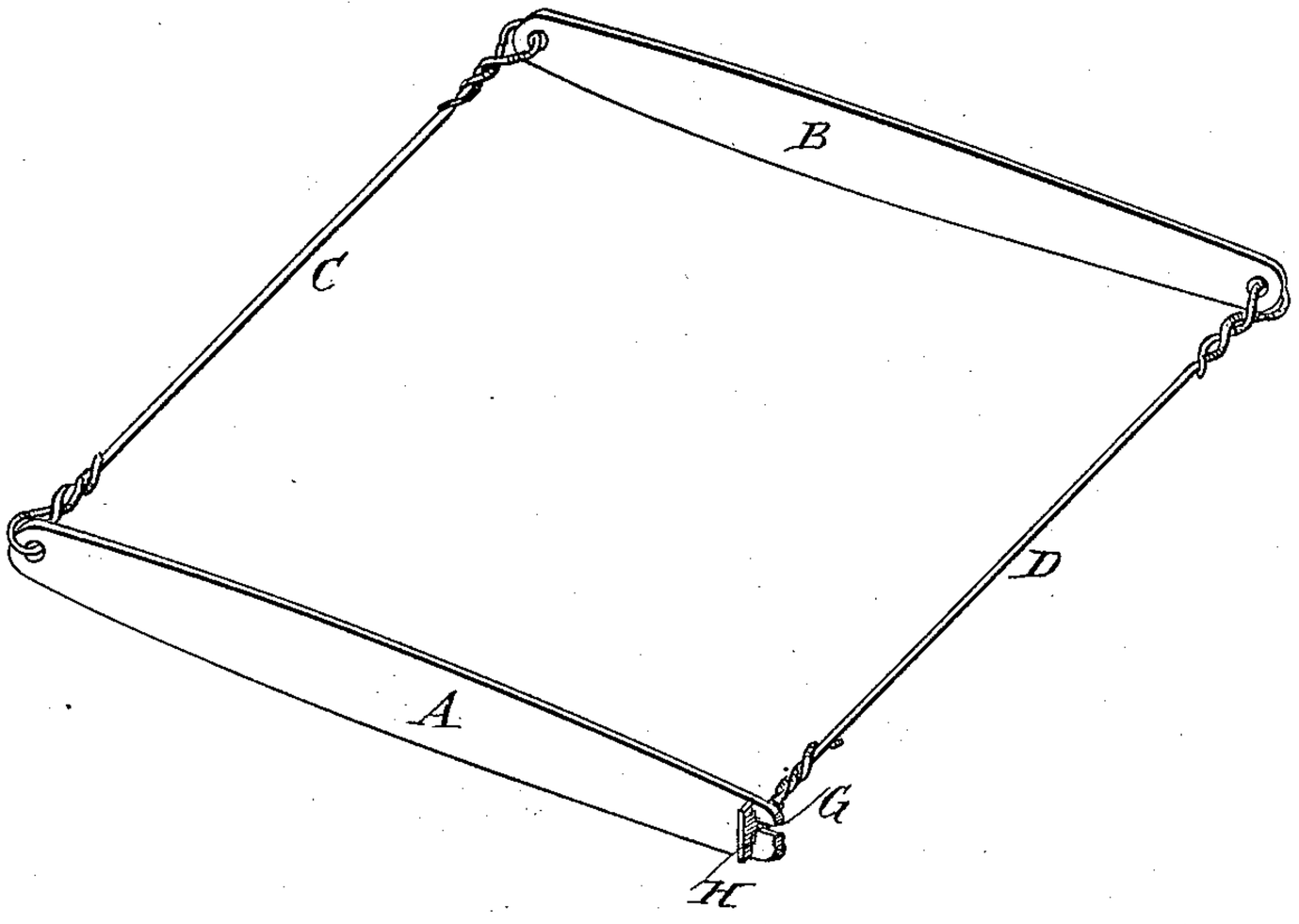


Fig: 2.

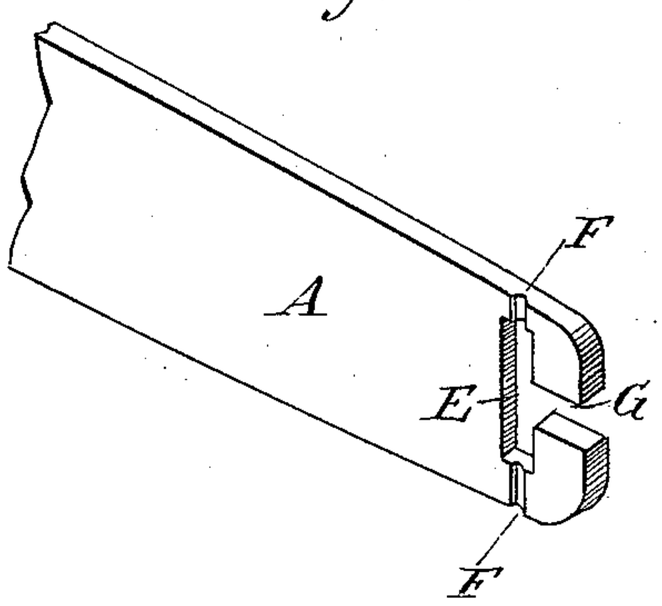
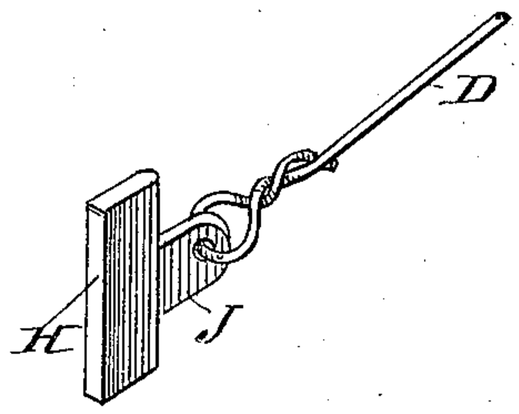


Fig: 3.



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UNITED STATES PATENT OFFICE.

WILLIAM S. GORDON, OF PRINCETOWN, NEW YORK.

HAY AND COTTON BALING BAND.

SPECIFICATION forming part of Letters Patent No. 255,963, dated April 4, 1882.

Application filed March 3, 1882. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM S. GORDON, of Princetown, in the county of Schenectady and State of New York, have invented a new and Improved Hay and Cotton Baling Band, of which the following is a full, clear, and exact description.

The object of my invention is to facilitate the baling of hay, cotton, and like material.

The invention consists of a baling-band formed of two bars or slats connected at the ends by means of two transverse pieces, one of which is provided with a T-shaped key fitting into a slot and aperture in the end of one of the slats or bars, whereby the baling-band can be closed or locked and opened or unlocked very rapidly and conveniently.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my improved baling-band, showing it closed. Fig. 2 is a perspective view of the end of the transversely slotted and grooved bar. Fig. 3 is a perspective view of the cross head or hook at the end of one of the wires.

Two bars or slats, A B, made of wood or metal, the latter being preferred, are united at the ends by wires, ropes, or chains C D. The width of the bars A B preferably increases toward the middle, so as to make them stiffer and stronger; but this is not essential, and the bars can be made of the same thickness and width throughout. The ends of the wire C, or its equivalent, are firmly attached to the corresponding ends of the bars A B, and one end of the wire D, or its equivalent, is firmly attached to the opposite end of the bar B.

The bar A is provided with a transverse slot, E, a short distance from the end opposite the one to which the wire C is attached. Grooves F are cut in the outer surface of the bar A, these grooves extending from the end of the slot E to the longitudinal edges of the bar A, as shown in Fig. 2. A slot or aperture, G, extends from the end of the bar A to the slot E, at right angles to this slot, as shown in Fig. 2. A T-shaped key or hook, H, has the end of its shank or lug J attached to the free end of the wire D, or its equivalent. The inner edge of the cross-piece of the key H is slightly beveled to adapt it to fit into the grooves F.

The operation is as follows: The bars A and B are placed on the top and bottom of the bale, and the wire D is drawn so taut that this wire D can be passed through the slot or aperture G. The key H is then turned a quarter-turn, so that the lug or shank J will be in the slot E parallel with the same, and the inner edge of the key will rest in the grooves F. The ends of the wire D and of the bar A will thus be locked together, and will be held together by the strain on the wires C D. To unlock or loosen the bale-band the wire D must be drawn in the direction of its length sufficient to permit withdrawing the inner edges of the key H from the grooves F and to turn the key a quarter-turn to permit passing the lug or shank J out of the aperture or slot G. This band holds the bale square at the top and bottom, and the band can be used a number of times, as none of the parts need be cut or broken for the purpose of detaching the band from the bale.

The band can be locked or closed and opened or unlocked very rapidly and conveniently.

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

1. A baling-band made substantially as herein shown and described, and consisting of two bars or slats united by two wires or chains, one of which is provided with a hook or key for locking its end to the end of one of the bars, as set forth.

2. In a baling-band, the combination, with two bars or slats, of two transverse connecting-pieces, one of which is provided with a T-shaped key for locking its end to the end of one of the bars, substantially as herein shown and described, and for the purpose set forth.

3. In a baling-band, the combination, with the bar or slat B and the bar or slat A, provided at one end with a transverse slot, E, and a slot or recess, G, at right angles to the slot E and extending from this groove to the end of the bar A, of the wires C and D, the latter provided with a T-shaped key, H, sub-

stantially as herein shown and described, and for the purpose set forth.

4. In a baling-band, the combination, with the bar or slat B and a bar or slat, A, provided at one end with a transverse slot, E, transverse grooves F in the outer surface, and a slot or recess, G, of the wires C and D, the latter provided with a T-shaped key, H, substantially as herein shown and described, and for the purpose set forth.

WILLIAM S. GORDON.

Witnesses:
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