

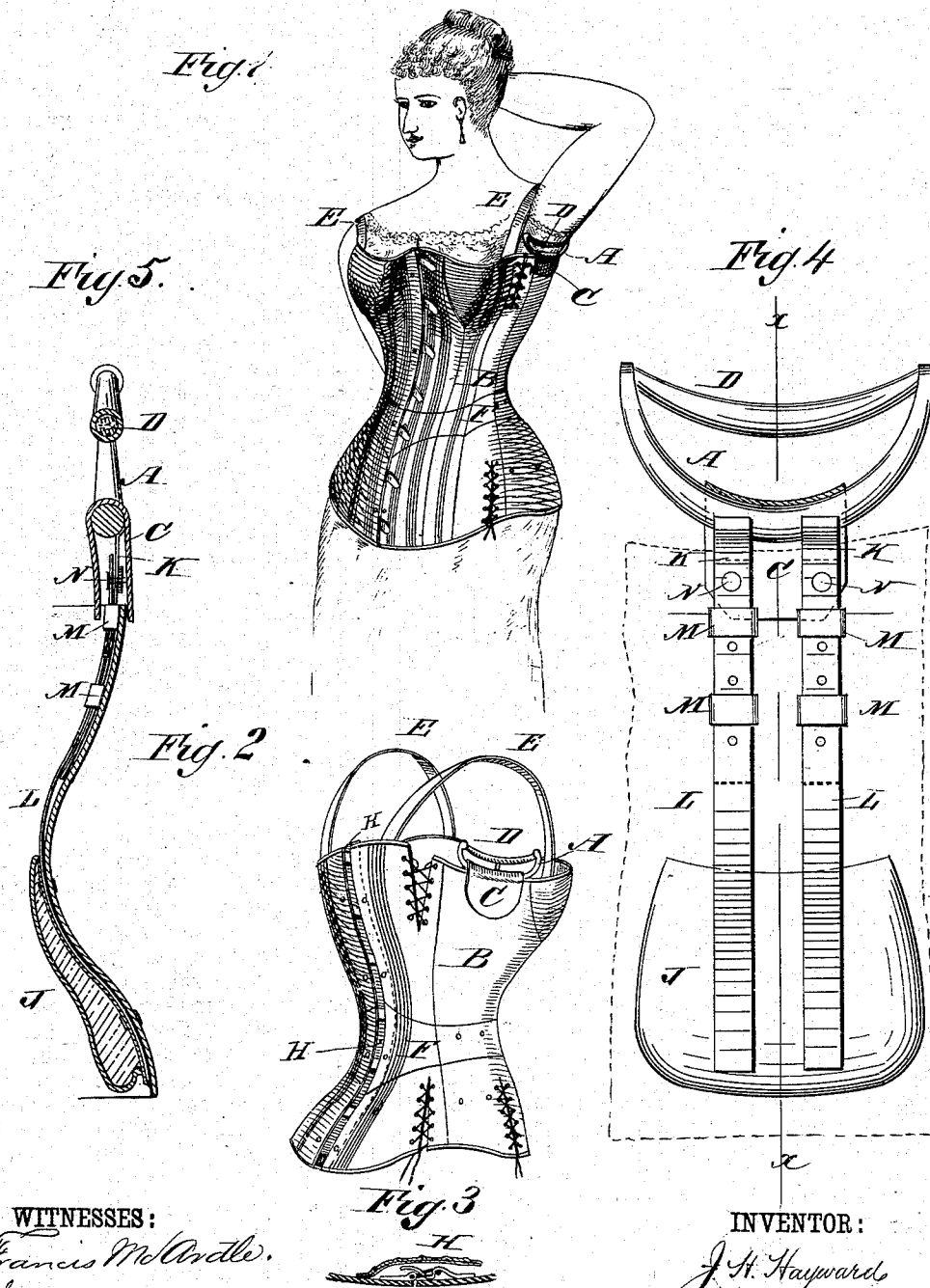
(No Model.)

J. H. HAYWARD.

CORSET.

No. 276,397.

Patented Apr. 24, 1883.



WITNESSES:
Francis M. Ordle.
Co. Sedgwick

INVENTOR:
J. H. Hayward
BY *Mum & Co*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JENNIE H. HAYWARD, OF SIDNEY, MAINE.

CORSET.

SPECIFICATION forming part of Letters Patent No. 276,397, dated April 24, 1883.

Application filed November 1, 1882. (No model.)

To all whom it may concern:

Be it known that I, JENNIE HAVILLA HAYWARD, of Sidney, in the county of Kennebec and State of Maine, have invented an Improved Corset, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved corset for curing curvature and weakness of the spine.

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 front perspective view of my improved corset-crutch on the wearer. Fig. 2 is a rear perspective view of the same. Fig. 3 is an enlarged detail horizontal sectional view of the rear part of the same. Fig. 4 is an enlarged detail side view of the corset-crutches. Fig. 5 is a sectional view of the same on the line *x x*, Fig. 4.

To each side of the corset B a crutch, A, made of hard rubber or of steel covered with cloth, is secured, at the upper edge of the corset, by means of a flap, C, which is passed or doubled over the bow of the crutch, and is then passed down on each side of the springs and sewed or otherwise secured to the corset. The crutch is composed of a steel or hard-rubber bow, to each of whose ends is attached one end of the pad D, which is preferably formed of a tubular fabric stuffed with some soft material. A hip-pad, J, is attached to the inner surface of the corset at the hip at each side. Steel springs K, which are secured to the crutches, project downward from the same and overlap steel springs L, secured to and projecting upward from the pads J. The steel springs are provided with guide-loops M, for holding them together and guiding them. The steel springs are apertured, and a thumb-screw, N, is passed through two corresponding apertures of the springs, for the purpose of locking the two corresponding springs in the desired position in relation to each other. A belt, F, is secured to the corset at the waist for the purpose of strengthening the corset, which is subjected to the greatest strain at the waist. Shoulder-straps E are attached to the

front and rear of the corset, and pass over the shoulders of the wearer, for the purpose of holding the corset in place. The corset is closed by means of straps and buckles, and to prevent the buckles from coming in contact with and paining the spine I have attached a strip of corded fabric, H, to the inner surface of the corset, at one side of the back opening, so that the buckles will rest on the corded strip fabric which rests against the spine. The flaps C cover the upper ends of the springs, and prevent their wearing the clothing. The crutches are so adjusted and the corset is worn until the spine has become strengthened, and then the crutches are gradually lowered by shortening the springs K L by adjusting the thumb-screw N, the fabric of the corset being folded more or less, accordingly as the springs are shortened more or less.

I am aware that crutches supported by adjustable plates from hip-pads were known to the public through-printed publications more than forty years ago; also, that shoulder-straps have been used with corsets; also, that a ribbed edge or strip has been made to project under the open space between the edges of a laced corset; but

What I do claim as new and of my invention is—

1. The combination, with the corset B, of the crutches A, the stuffed leather tubing D, secured to the ends of the crutches, and the cloth flaps C, passed over the bow of the crutches and secured to the sides of the corset, substantially as herein shown and described, and for the purpose set forth.

2. An improvement in corsets provided with crutches, consisting of the two springs K K, attached at the top to the crutch-bow, and having at intervals the guide-loops M, in combination with the hip-pad J and springs L L, passing through said loops and secured adjustably to springs K K, as shown and described.

JENNIE HAVILLA HAYWARD.

Witnesses:

E. W. WHITEHOUSE,
L. M. PERCIVAL.