

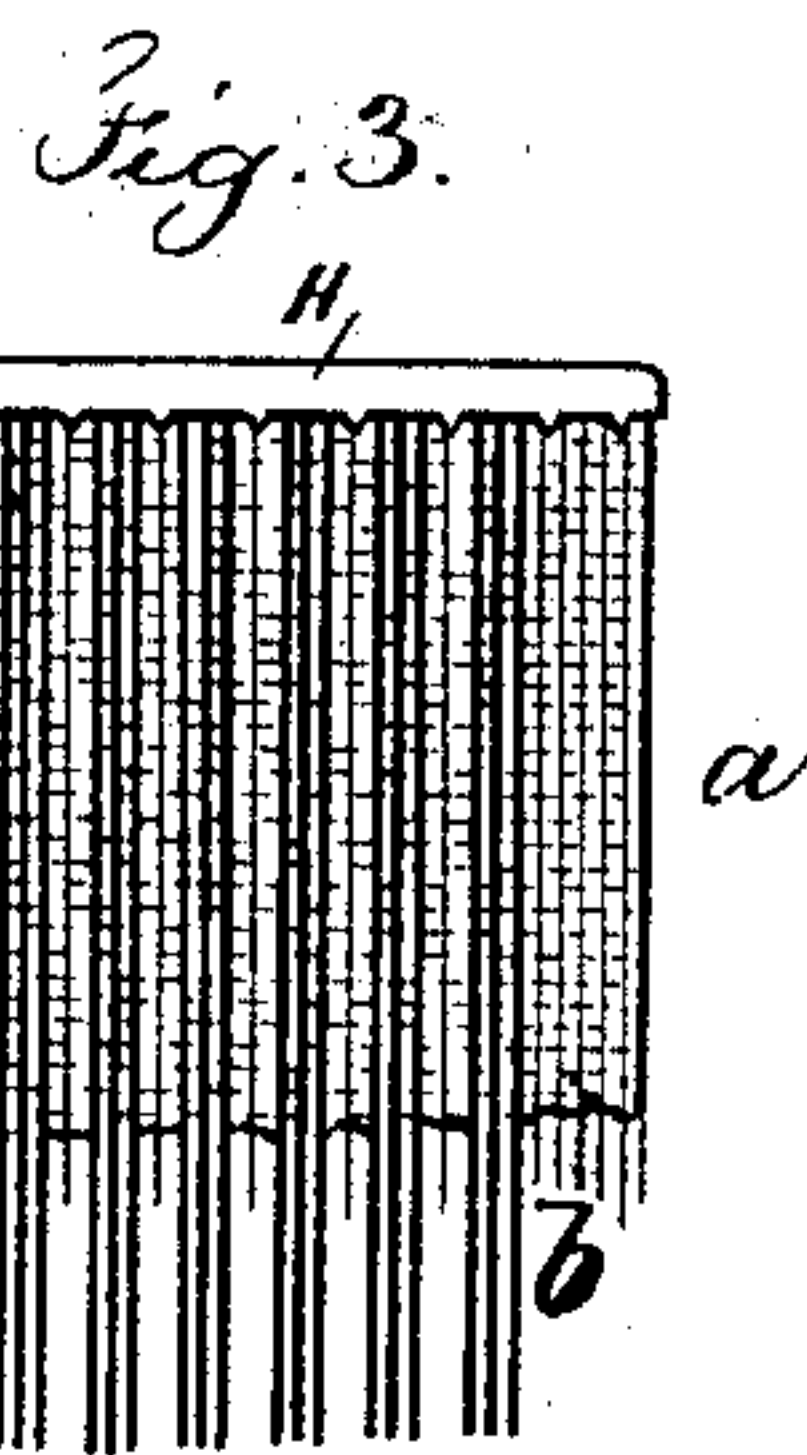
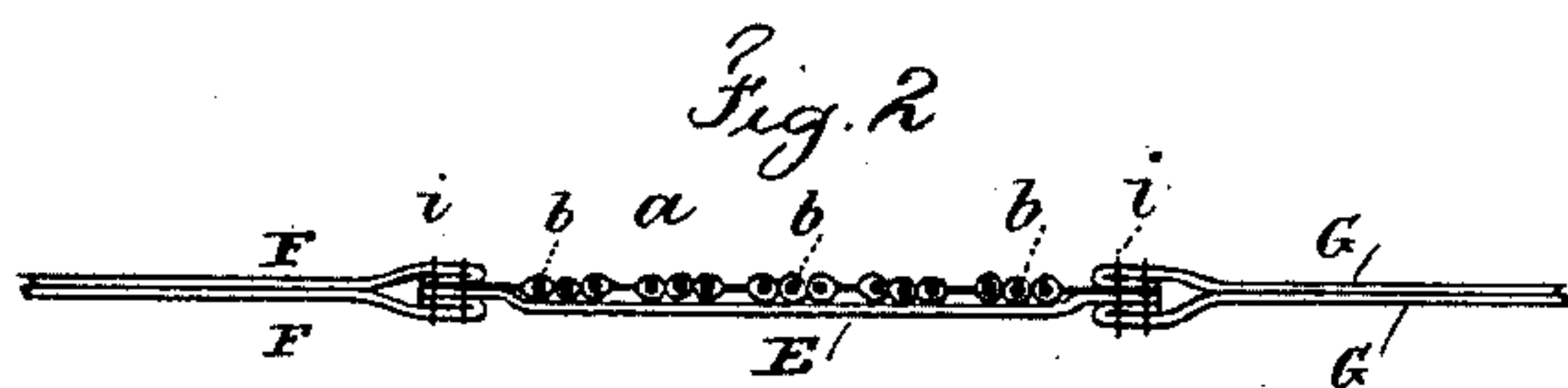
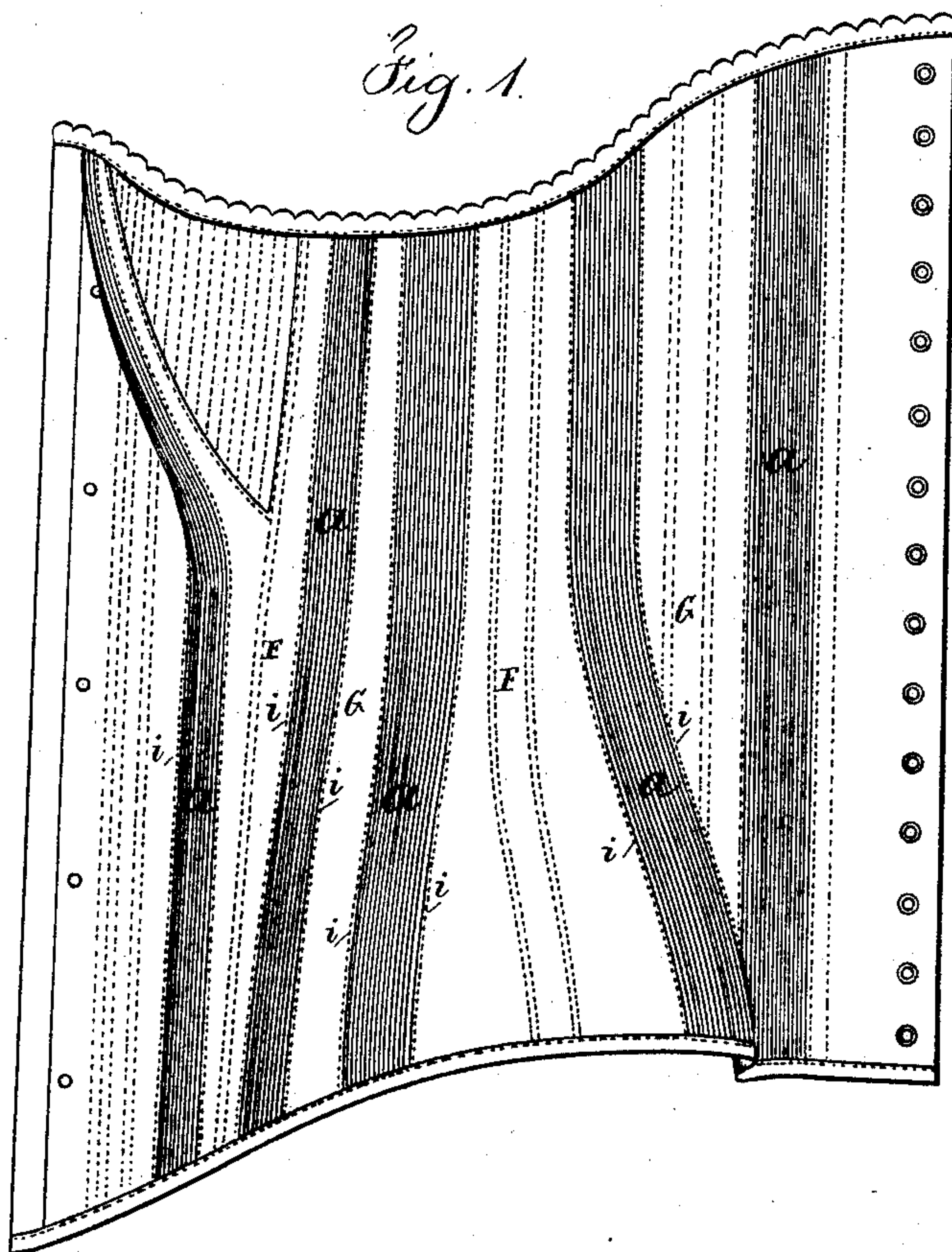
(No Model.)

J. MAYER.

CORSET.

No. 328,131.

Patented Oct. 13, 1885.



Witnesses

Chas. H. Smith
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Inventor

Joseph Mayer.
per Lemuel W. Serrell

att'y

UNITED STATES PATENT OFFICE.

JOSEPH MAYER, OF YONKERS, NEW YORK.

CORSET.

SPECIFICATION forming part of Letters Patent No. 328,131, dated October 13, 1885.

Application filed May 26, 1885. Serial No. 166,689. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH MAYER, of Yonkers, in the county of Westchester and State of New York, have invented an Improvement in Corsets, of which the following is a specification.

Corsets have been made of wire woven in the form of a netting; but the strands crossing each other are too rigid, and the wire is liable to break and to injure the person. In other cases the woven corset has had longitudinal wires introduced into the fabric and the entire corset sized, dampened, and pressed. In this corset the wire is liable to injury by the sizing and dampening, and the corset has the wires interspersed throughout its woven material.

My invention relates to an improved corset-stiffening formed of bands of strong corset fabric having fine longitudinal wires woven into the fabric, so as to be adapted to insertion between the various sections of woven material of which the corset is composed, and sewed into place with such sections. Thereby the fine steel wires form the stiffening in place of whalebones and other materials, and the wires, being firmly inclosed in the heavy woven strips, are not liable to injury, and the wires cannot penetrate the wearer, even should one break in consequence of being introduced, as in strips with a backing of plain corset material.

In the drawings, Figure 1 represents a half-corset with my improved strips applied to the same. Fig. 3 is an elevation of the stiffening-strip separately, and Fig. 2 is a section of the same in larger size.

The strip *a* is made of ordinary corset material, with the exception that the fine steel wires *b* are introduced and woven in firmly in place of a warp or weft thread. The wires are preferably woven in at intervals, the intervening portions being woven as ordinary corset fabric. These stiffening-strips are of suitable width—say an inch to an inch and a half, more or less—and by preference the edge portions of these strips are plain fabric of sufficient width for sewing into place between the corset-sections without the sewing coming into contact with the fine steel wires.

The stiffening-strips are of suitable length,

or they are easily cut off to the required length; and it is preferable to make use of a short metallic binding strip or clasp at the top and bottom ends of each stiffening-strip, as at *H*, so as to inclose the ends of the fine steel wires. If, however, the steel wires are introduced in place of weft-threads, such wires may be of less length between the bends at the ends than the height of the corset, so that each stiffening-strip will only have one wire laid up and down throughout the same.

The corset itself is to be of any desired size or construction, and the woven corset fabric is cut out into sections of the proper shapes, and the edges folded back, as usual, so as to be sewed together, the stiffening-strips *a* being introduced between the respective sections.

Corsets as ordinarily made are generally of two thicknesses of woven material. I prefer in introducing my improved stiffening-strips to apply behind the same a strip of ordinary woven corset material, as at *E*, and to introduce these between the folded edges of the sections *F F G G*, as seen in Fig. 3, and to stitch the fabrics together at the lines *i i*, thereby making the corset of uniform strength throughout, and the strip *E* becomes a backing between the wires and the person.

I do not claim a corset having cords of stiff jute, hemp, or similar material; and I am aware that machine-belts have been woven with wire strands. By my improvement the fine wires are employed to keep the corset from folding into ridges at the waist and to give elasticity, and being in the woven fabric and employed in strips, the improvement can be availed of with any shape or character of corset.

I claim as my invention—

The combination, in a corset, with the woven sections, of a backing-strip, *E*, and a stiffening-strip, *a*, composed of a woven fabric with fine wires introduced therein at intervals, substantially as set forth.

Signed by me this 25th day of May, A. D. 1885.

JOSEPH MAYER.

Witnesses:

GEO. T. PINCKNEY,
WALLACE L. SERRELL.