

A. W. Hale.
Hoop - Skirt.

Nº 25260

Patented Aug. 30, 1859

Fig. 1.



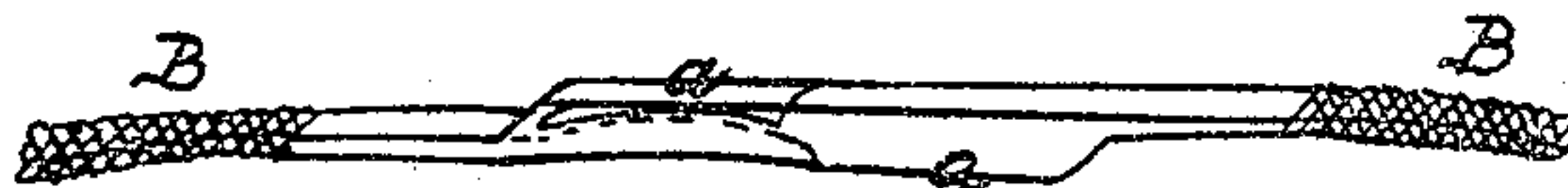
Fig. 2.



Fig. 3.



Fig. 4.



Witnesses

J. D. Law
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ALBERT W. HALE, OF NEW YORK, N. Y.

FASTENING FOR HOOPED SKIRTS.

Specification of Letters Patent No. 25,260, dated August 30, 1859.

To all whom it may concern:

Be it known that I, ALBERT W. HALE, of the city and State of New York, have invented a new and Improved Hoop Connection for Skirt and other Hoops or Circles Where Detachable Fastenings are Desirable; and I do hereby declare that the following is a full, clear, and exact description thereof and of its construction and mode or manner of operation, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

Figure 1 is a representation of a cap or fastening before attached to the hoop. Fig. 2 shows the end of a hoop prepared to be connected with its cap or fastenings. Fig. 3 is a view of the two ends of a hoop with the fastenings attached in position to be connected together. Fig. 4 is a view of the hoops when connected together.

The nature of my invention consists in constructing such a fastening that the ends of hoops or circles can be easily connected together, and when so connected will be held sufficiently tight so that they will not be separated without quite considerable pressure or strain, and which at the same time permits quick and easy separation, whenever necessary or desired.

To each end of the hoop or circle B, is clasped or fastened a small partly hollow cap or fastening A, into each of which the other enters and by which it is held. One of these is attached to the outside of the hoop, at one end, and the other so fixed to the inside of the other end of the hoop, so that when the two ends of the hoop are brought together, as shown in Fig. 4, each will slide or pass into the hollow cavity of the other. Such cap or fastening A, is struck up or swaged or so made that in one side there shall be a cavity or open space *a*, of a size just sufficient to receive the part or end *b*, Fig. 3, after the cap or fastening is clasped around or fastened to the hoop B. Within the cap A, when so formed, the hoop B, is placed, as represented by the dotted lines in Fig. 3, and the edges of such cap are then clasped upon or fastened to the hoop, and uniting the two, as shown in the same figure. The ends of the hoop are generally curved or bent by proper dies into an ogee form, as shown in Fig. 2, before or at the time the cap A is clasped about it.

In order also to cause the ends of the hoops to be more firmly held together the cap A, is clasped or fastened to the hoop, only at one end of such fastening or cap, as at *c*, Fig. 3, while the other end is loosely clasped around the hoop, so as to keep the hoop in position, but at the same time allow to it longitudinal movement within such cap. As will be apparent from this manner of attaching the fastening to the hoop, and as the curve of the hoop, as indicated by the dotted lines in Fig. 3, lies near or against the side *a* of the fastening or cap A, when the end *b*, is inserted and pressed into such cap, it will press down the hoop, as shown in Fig. 4, and pass by it, and the curve or spring of the hoop will press the end *b*, closely against the side *a*, of the cap. The hoop B being firmly clasped by only one end of the cap A, it, the hoop, can be easily pressed down by the insertion of the end *b*, and it will also for the same reason, spring back, and more tightly press against such part *b*, when inserted in the cap.

The ogee form of the hoop, and the peculiar manner of fastening the hoop at but one end of the cap A is not however absolutely essential to the holding the ends of the hoops together. If the hoop is not struck up or bent with dies but is left in its natural form, and the cap A is so made as to size, as to just permit the end *b*, to be inserted, and pressed between the hoop and the side *a*, the ends will be held together. The first described manner of fastening is however preferred.

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

The method of connecting and fastening the ends of the hoop B, by means of the caps A, one part of such cap with the end of the hoop, forming a point or extension *b*, to enter a recess *a*, in the cap on the other end of the hoop, and such cap also furnishing the recess to receive the said point or extension of the other end of the hoop, when the hoop and cap are bent in the manner and for the purpose described.

ALBERT W. HALE.

Witnesses:

S. D. LAW,
E. F. BARNES.