

*J. Grunwald.*

*Hoop Skirt.*

*Nº 25112*

*Patented Aug. 16, 1859.*

Fig. 1.

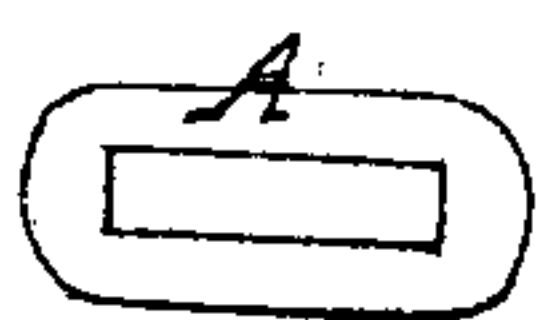


Fig. 2.

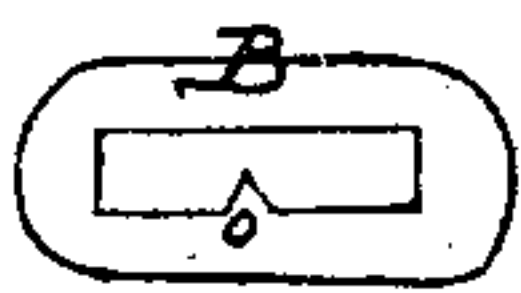


Fig. 3.

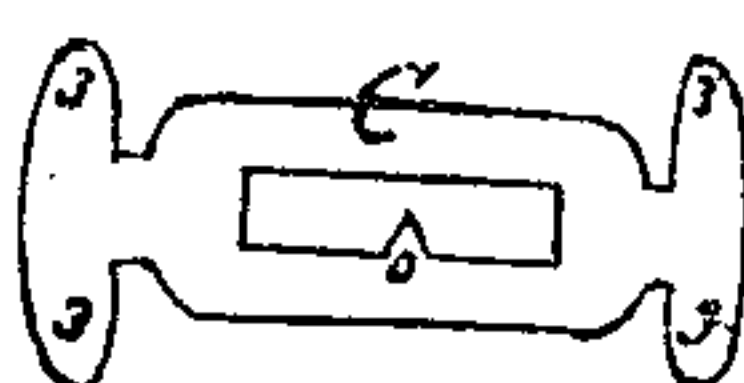


Fig. 4.

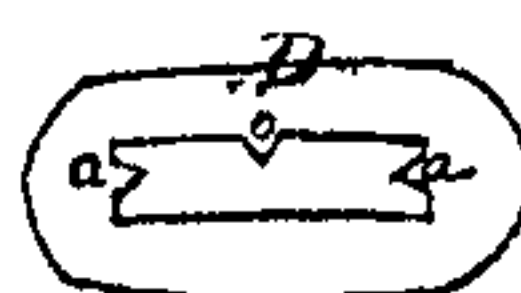


Fig. 5.

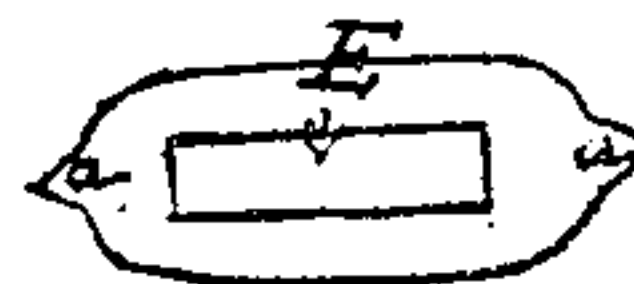


Fig. 6.

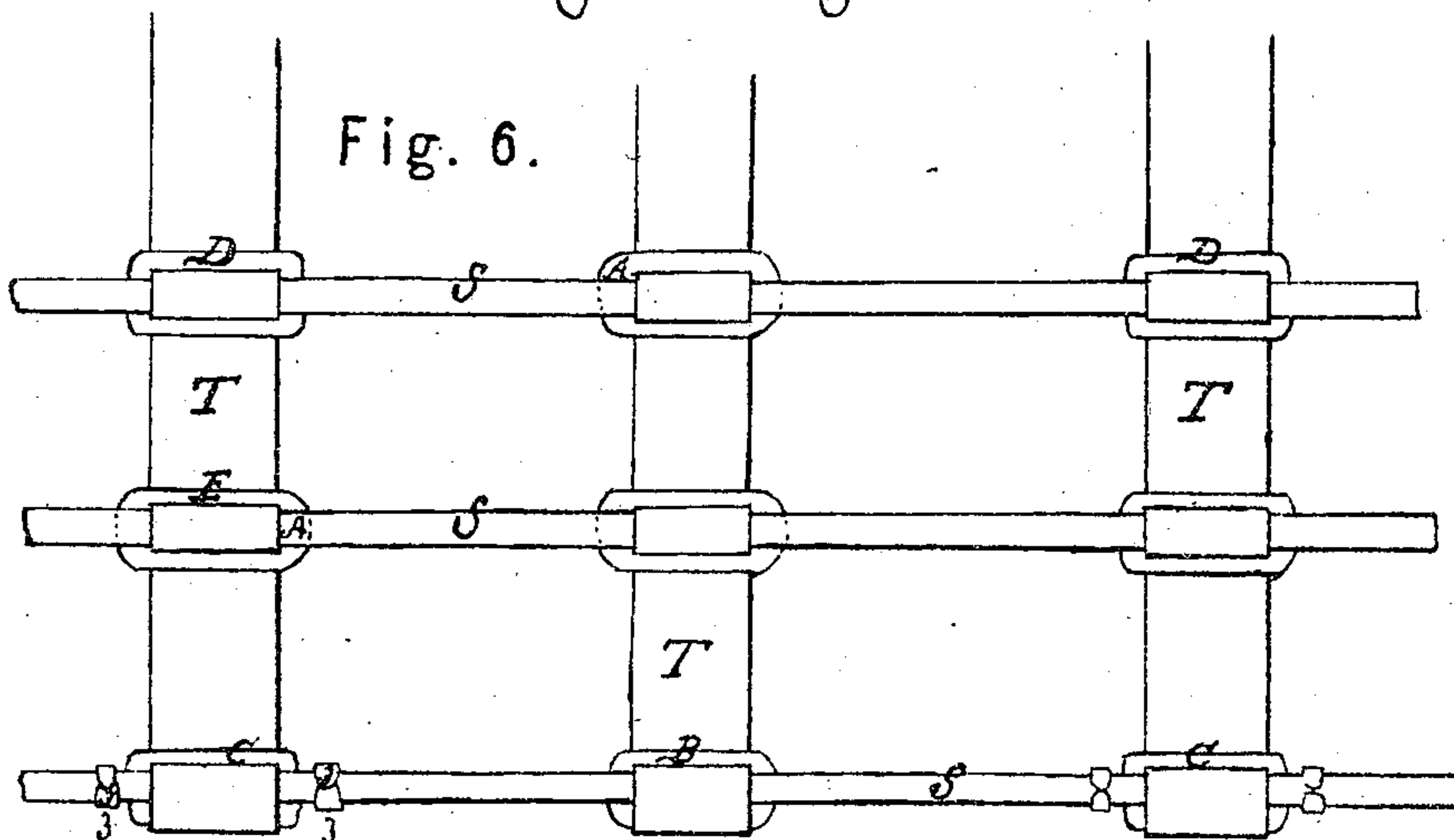
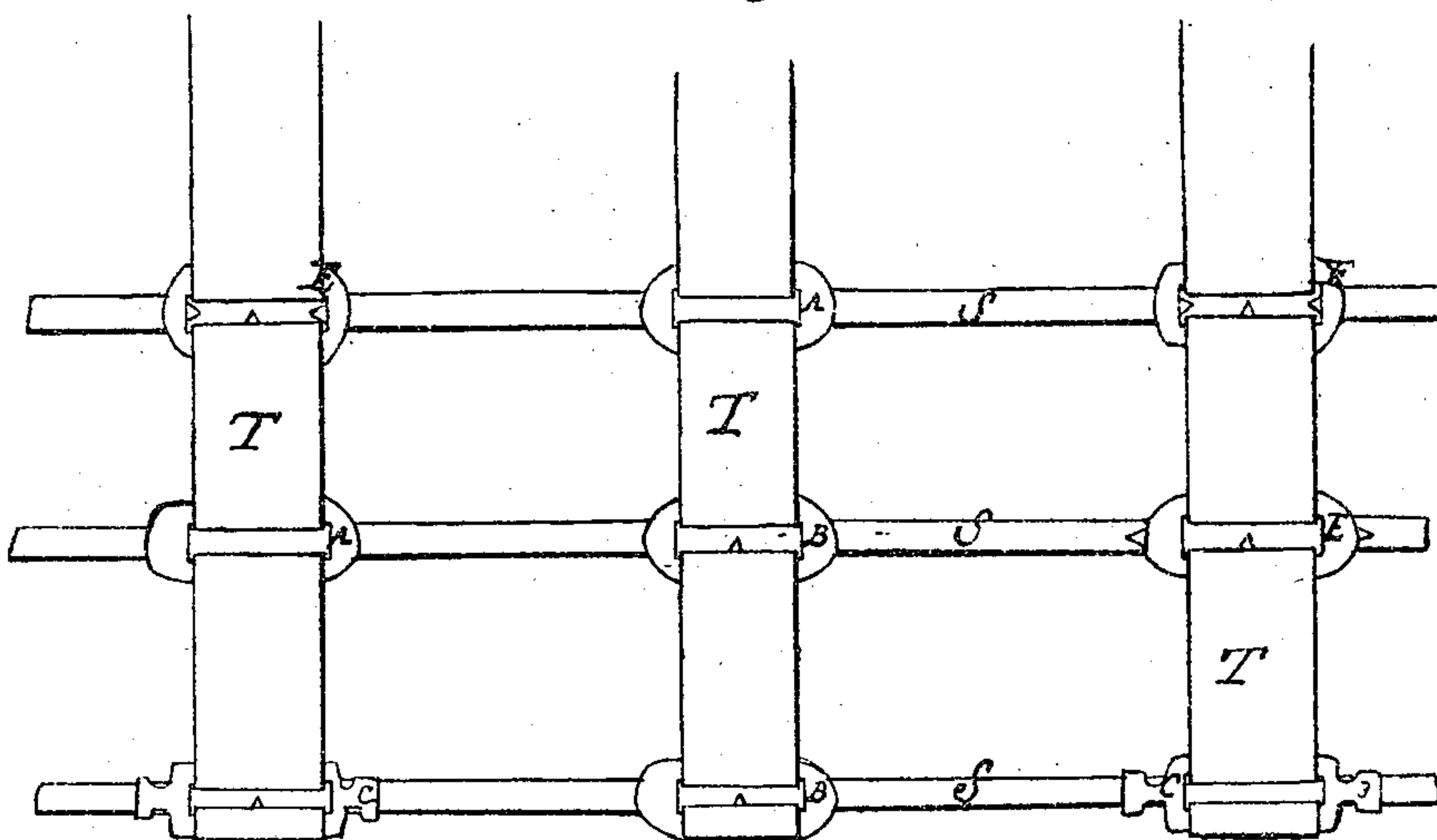


Fig. 7.



Witnesses

*Henry C. Reeder*  
*J. W. ...*

Inventor.

*John Grunwald*

# UNITED STATES PATENT OFFICE.

JOS. GRUNWALD, OF NEW YORK, N. Y.

CLASP FOR SKELETON SKIRTS.

Specification of Letters Patent No. 25,112, dated August 16, 1859.

*To all whom it may concern:*

Be it known that I, JOSEPH GRUNWALD, of New York, in the county and State of New York, have invented a new and Improved  
5 Clasp or Buckle for Ladies' Skirts; and I hereby declare that the following is an exact and full description thereof, reference being had to the accompanying drawings, and to the letters of reference marked  
10 thereon.

Figures I to V represent different kinds of my improved clasp or buckle. Fig. VI is a front view of part of a skirt showing the application of my improved clasp in fasten-  
15 ing the tapes to the steel springs, and Fig. VII is a back view of the same.—

A, is a plain clasp or buckle, through which the tape is drawn, so as to form a loop, through which the steel springs are  
20 passed and held tight, by the friction as soon as the tape is pulled tight.

B is similar to A only provided with a small projection or nose (*o*) which enters the tape when pulled tight, to give an ad-  
25 ditional security and prevent the tape from moving when the same should become a little loose.

C, has its center part constructed similar to A or B either with or without the nose  
30 (*o*) and is provided with ears (3) on each end which are bent round the springs after the tape is attached to the same, to keep both in their proper position, and prevent the tape from moving sidewise on the springs,  
35 and are principally used on the ends of the springs.

D is similarly constructed to B with the projection (*o*) to enter the tape, and with the addition of projecting points or noses 40 (*a*) on each side which enter the covering of the springs and prevent the tape from moving sidewise.

E is similar to B with projecting pieces or noses (*a*) on the outside for the same pur- 45 pose as D.—

In Figs. VI and VII which show the application of my improved clasp in fastening the tapes to the springs (S) represent the springs, and T the tapes fastened to said 50 springs by the different kinds of clasps as above described.

The advantage of my improved clasp or buckle consists in the convenience and facility of fastening and detaching the tapes 55 to and from the springs, and the ease by which the position of said springs may be changed and regulated; firmly attaching the tape to the spring in any desired position without any sewing, and preventing by their 60 use the cutting and wearing of the tape, whereby the same require repeated repairs.

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

The combination of the hoops or springs 65 with the tape by means of clasps constructed substantially as described and represented by Figs. III, IV, and V, and for the purpose specified.

JOSEPH GRUNWALD.

Witnesses:

HENRY E. BAEDER,  
JOHN GRUNWALD.