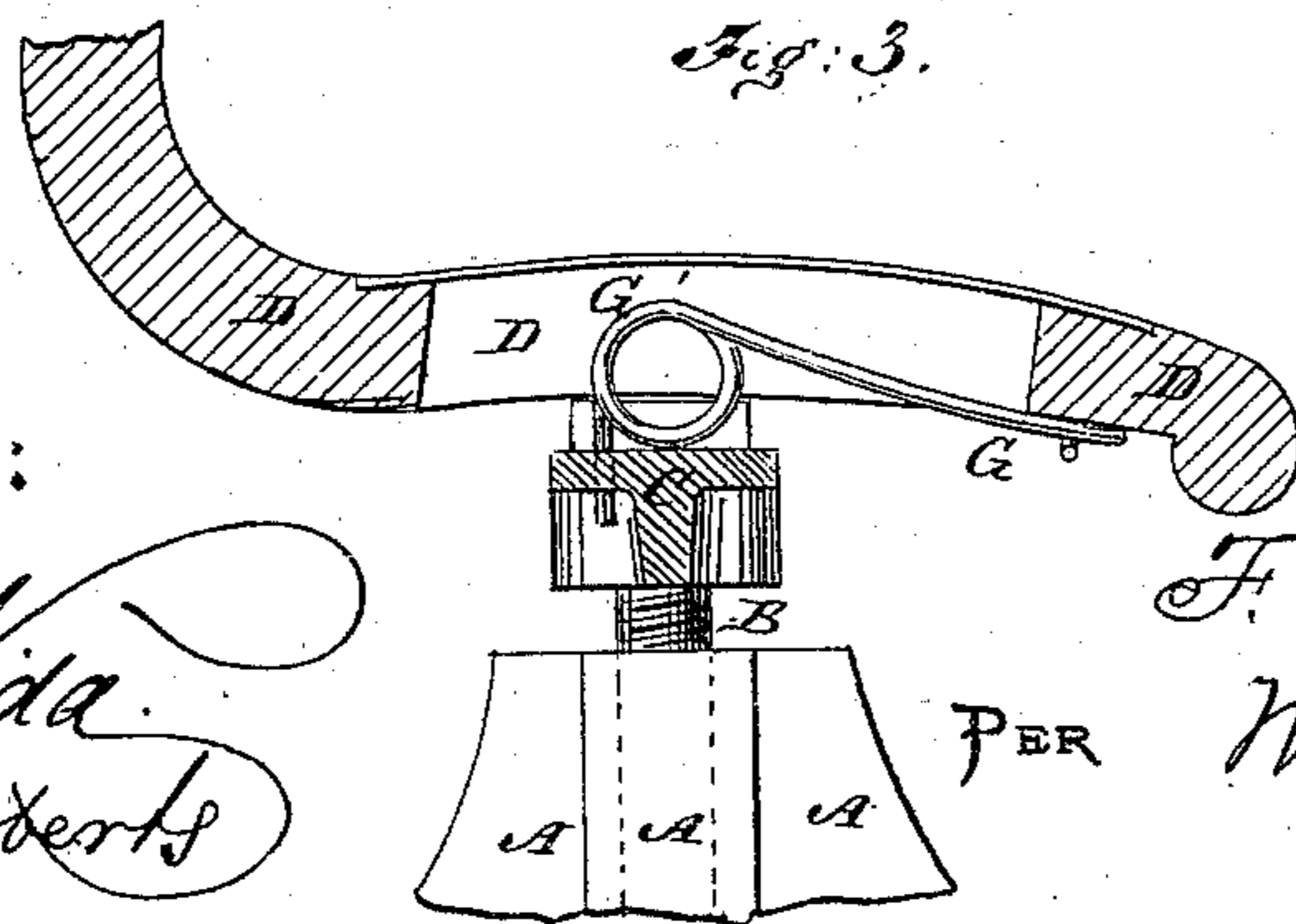
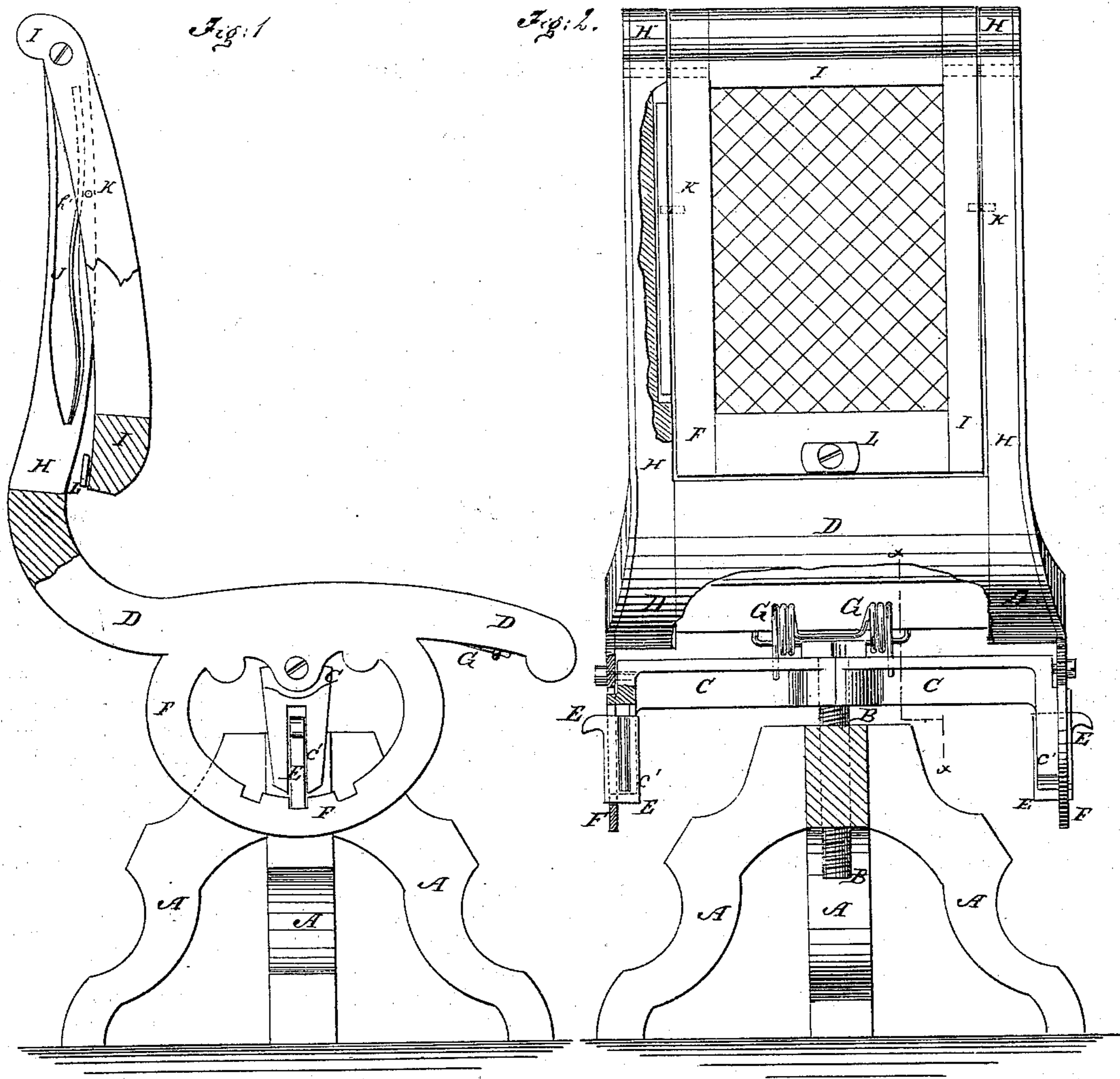


F. CHICHESTER.  
Sewing-Machine Chairs.

No. 135,465.

Patented Feb. 4, 1873.



Witnesses:

Chas. Nida.  
Alex F. Roberts

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# UNITED STATES PATENT OFFICE.

FRANKLIN CHICHESTER, OF MILWAUKEE, WISCONSIN.

## IMPROVEMENT IN SEWING-MACHINE CHAIRS.

Specification forming part of Letters Patent No. 135,465, dated February 4, 1873.

*To all whom it may concern:*

Be it known that I, FRANKLIN CHICHESTER, of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented a new and useful Improvement in Sewing-Machine Chair, of which the following is a specification:

Figure 1 is a side view of my improved chair, part being broken away to show the construction. Fig. 2 is a rear view of the same, parts being broken away to show the construction. Fig. 3 is a detail section of the same taken through the line *x x*, Fig. 2.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved sewing-machine chair which shall be provided with a yielding back, and shall be so constructed that it may be adjusted in height or inclination as the convenience of the operator may require, and which shall be simple in construction and conveniently adjusted. The invention consists in the combination of springs and stops with the recessed back posts and the pivoted back, and in the combination of arms, pawls or latches, and notched curved arms or bars with the cross-bar or spider and the seat-frame, as hereinafter fully described.

A represents the pedestal, which may be of any desired form or style, and in which is formed a screw-hole or to which is secured a nut to receive the screw B, by turning which the chair-seat may be raised and lowered, as desired. The upper end of the screw B is formed upon or rigidly attached to the spider or cross-bar C. To the ends of the cross-bar C is pivoted the seat-frame D, as shown in Fig. 2. Upon the ends of the cross-bar C are formed downwardly-projecting arms *c'*, which are slotted, grooved, or otherwise formed to receive the pawls or latches E, which drop into notches or catches formed in the curved arms or bars F rigidly connected with the seat-frame D, so that by raising the pawls or latches E the chair-seat may be tilted or adjusted at any desired inclination or in a horizontal position, as

may be desired. To the cross-bar or spider C is attached a spring, G, which is also connected with the seat-frame D so as to tend to tilt the seat-frame back, as shown in Fig. 3. By fastening the pawls or latches E up so that they cannot catch upon the bars or arms F the chair becomes and may be used as a spring-rocker. H are the back posts, the lower ends of which are formed upon or are rigidly connected with the seat-frame D. To and between the upper ends of the posts H is pivoted the upper part of the back I, so that the lower part of said back may swing forward and back. In the inner sides of the posts H are formed elliptical grooves or recesses *h'*, in which are placed springs J, said grooves being so formed as to confine the ends of the said springs J while allowing their middle parts to vibrate. To the back I are attached pins or other stops K, which rest against the springs J. The springs J are so arranged as to throw the lower part of the back I so that it may always adjust itself to and support the back of the operator. The lower part of the back I should be provided with a button, L, or other fastening, by which the said back I may be connected with the seat-frame D when it is desired to have a rigid back.

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

1. The combination of the springs J and stops K with the recessed back-posts H and pivoted back I, substantially as herein shown and described, and for the purpose set forth.

2. The combination of the arms *c'*, pawls or latches E, and notched curved arms or bars F with the cross-bar or spider C and seat-frame D, substantially as herein shown and described, and for the purpose set forth.

FRANKLIN CHICHESTER.

Witnesses:

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