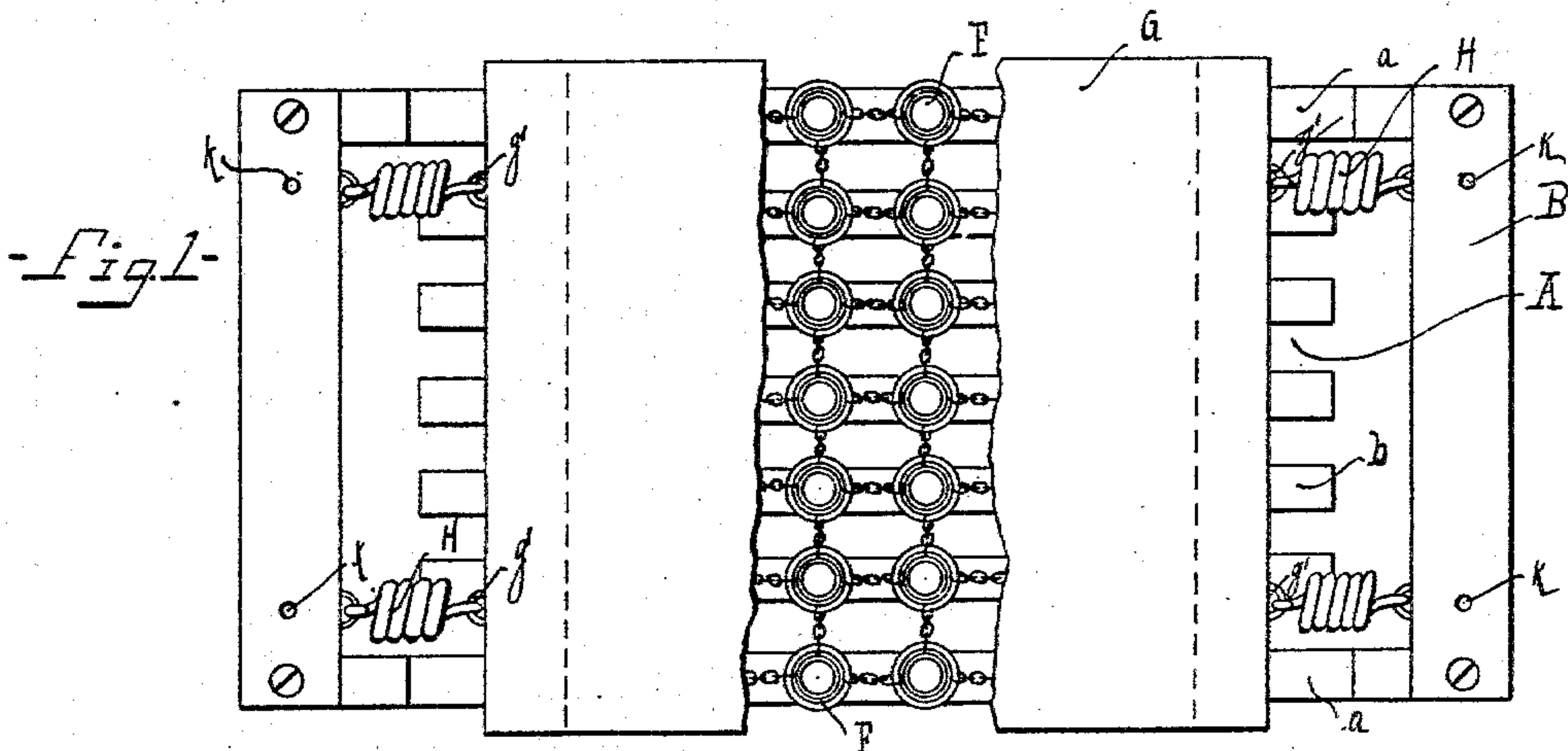


(No Model.)

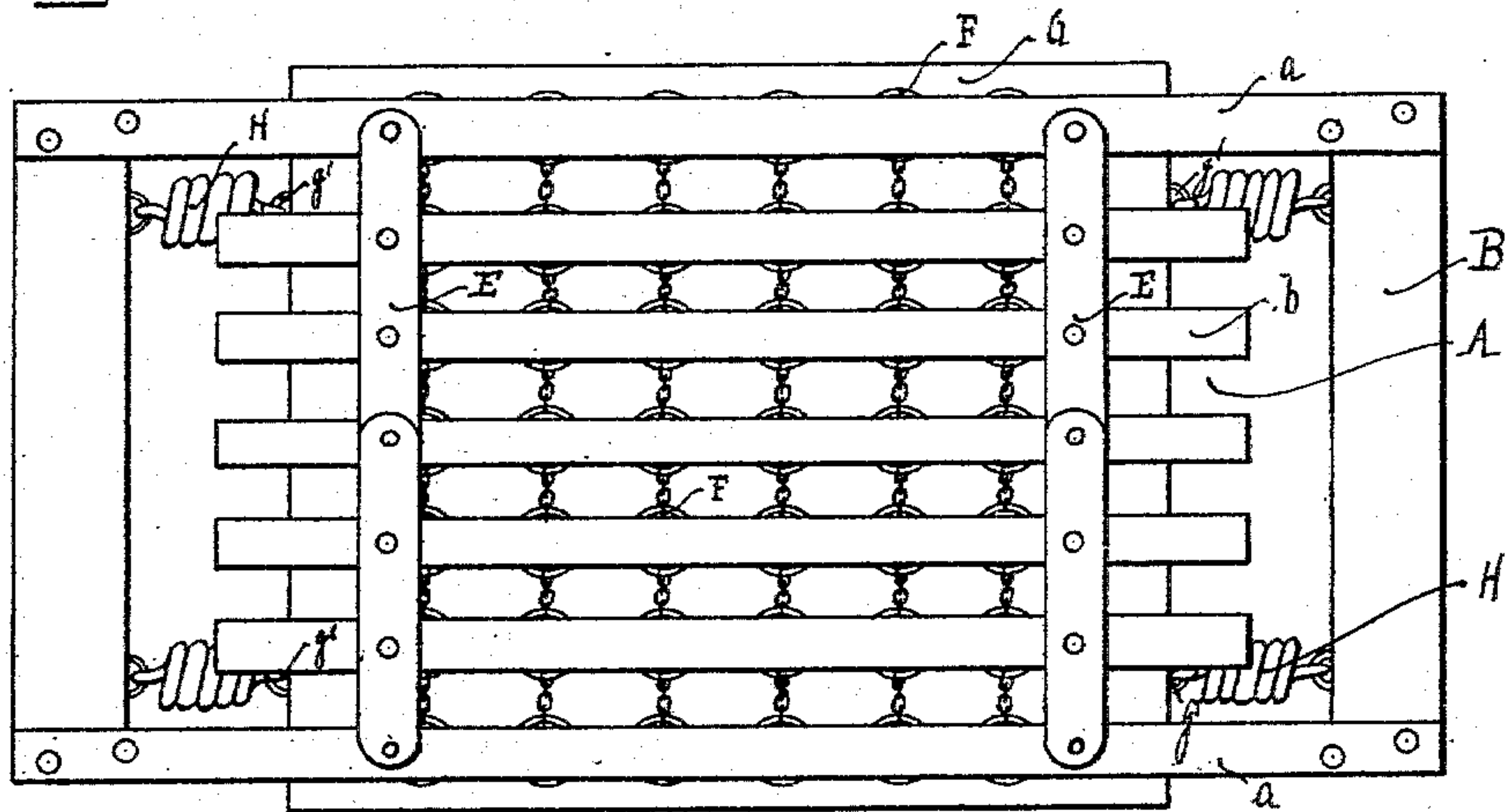
D. G. ROLLINS.  
SPRING BED.

No. 515,793.

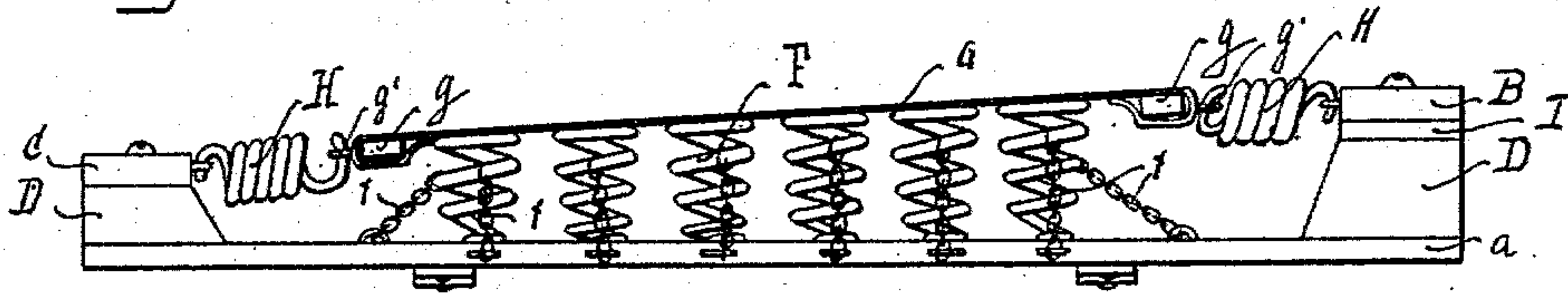
Patented Mar. 6, 1894.



*Fig. 2*



*Fig. 3*



WITNESSES

*George Anderson*  
*Phil. Masi.*

INVENTOR

*D. G. Rollins.*

*by E. W. Anderson,*

*his Attorney*



# UNITED STATES PATENT OFFICE.

DANIEL G. ROLLINS, OF BUCKSPORT, MAINE.

## SPRING-BED.

SPECIFICATION forming part of Letters Patent No. 515,793, dated March 6, 1894.

Application filed March 31, 1893. Serial No. 468,482. (No model.)

*To all whom it may concern:*

Be it known that I, DANIEL G. ROLLINS, a citizen of the United States, and a resident of Bucksport, in the county of Hancock and State of Maine, have invented certain new and useful Improvements in Spring-Beds; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a top plan view of the bed with covering partly broken away. Fig. 2 is a bottom plan view of the bed and Fig. 3 is a side view of same.

This invention has relation to certain new and useful improvements in spring beds, the object being to provide a bed bottom having means for its adjustment both as to width and height, and also to provide improved means thereon for protecting the mattress or bedding from contact with the springs, thereby avoiding the usual wear and tear to which the mattress or bedding is usually subjected by the springs; and the invention consists in the novel construction and combination of parts, all as hereinafter described and pointed out in the claim.

Referring to the accompanying drawings, the letter A designates the frame, which consists of the lateral longitudinal bottom slats *a, a*, the shorter central slats *b*, the head board or slat B, and the foot board or slat C, said head and foot boards or slats being supported transversely upon blocks D carried by the slats *a, a*. The central slats *b* are connected to the lateral slats *a, a*, by means of two pairs of link plates E, pivoted at their respective ends to the outer slats and to the center slat and at their intermediate portions to the intermediate slats, this connection rendering the said center slats capable of an endwise pivotal movement.

F designates the springs, secured to and supported upon the slats *a, a*, and *b*. Said springs are shown as of helical form, of greater diameter at their upper than at their lower ends, and connected with each other and with the slats by means of chains *f*. Other well

known and suitable styles or forms of springs may however be used.

G designates a covering for the springs, which is made of some suitable heavy cloth, having at each end a transverse stiffening strip *g*, around which the cloth is looped and stitched. Said strips are provided with eyes or staples *g'*, to each of which is connected one end of a short helical spring H, the other end of which is connected to the head or foot board. Two or more of these springs may be employed at each end, and serve to hold the cloth or covering in a state of tension over the springs. By reason of these springs, the cloth or covering is prevented from a sawing motion back and forth on the bed springs, whereby it is rendered much more durable than would otherwise be the case. The cloth or covering in addition to protecting the mattress or bedding from the bed springs, also serves to equalize the action of said springs.

By disconnecting the springs H, the covering may readily be removed to prevent its becoming soiled in transportation, or for the purpose of cleansing, or to permit access to all parts of the bed bottom for cleaning purposes. When worn out, or soiled, it may be readily removed without the aid of an expert.

The head and foot boards may be raised to the desired points by means of removable blocks I, which may be placed between said boards, and the support D. The blocks D which support the foot board may be made slightly lower than those supporting the head board.

To adjust the bed to different widths either for the purpose of adapting it to bedsteads of different widths or to cause it to take up less space in transportation or storage, the head and foot boards are removed and the slats are brought closer together, this being readily accomplished owing to the link connection between them, and the head and foot boards replaced, the securing screws being inserted in the additional holes *k* in said boards.

Having described this invention, what I claim as new, and desire to secure by Letters Patent, is—

The herein described bed bottom, comprising the lateral slats *a, a*, the intermediate slats *b, b*, of less length than said lateral slats, the two pairs of parallel links or plates E,



each of said links or plates being pivotally connected at one end to the center slat, at its other end to one of the lateral slats, and having a similar connection with each intermediate slat, the blocks D supported upon the end portions of said lateral slats, the transverse head and foot-boards adjustably and removably secured to and supported upon said blocks D, the springs, and the yielding

covering for said springs, substantially as to specified.

In testimony whereof I affix my signature in presence of two witnesses.

DANIEL G. ROLLINS.

Witnesses:

GEO. BLODGET,

EDW. SWAZEY.