A. M. McGIFF.

ADJUSTABLE BED SPRING.

APPLICATION FILED DEC. 31, 1908.

989,173. Patented Apr. 11, 1911.

Fig. 1.

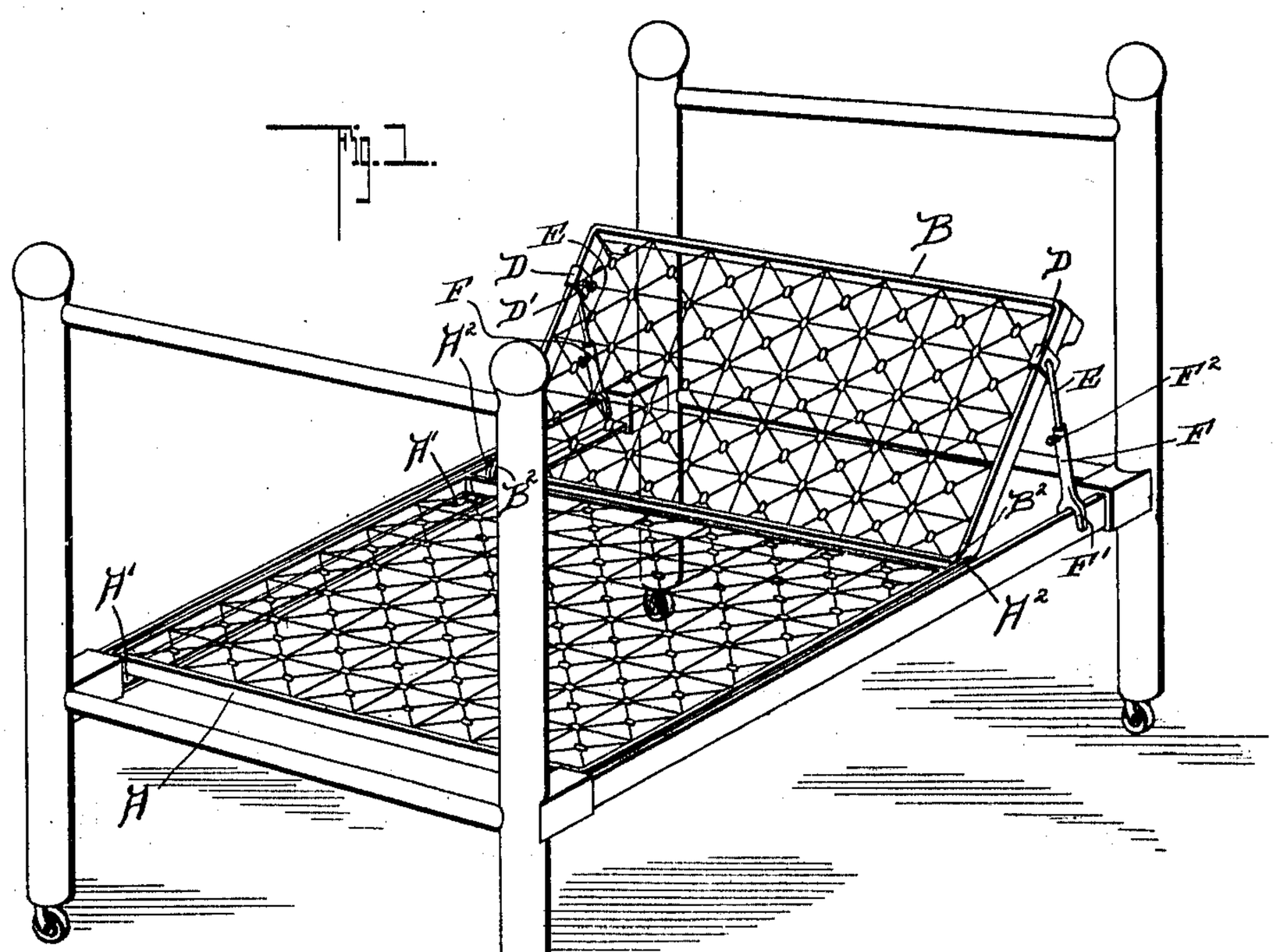


Fig. 2.

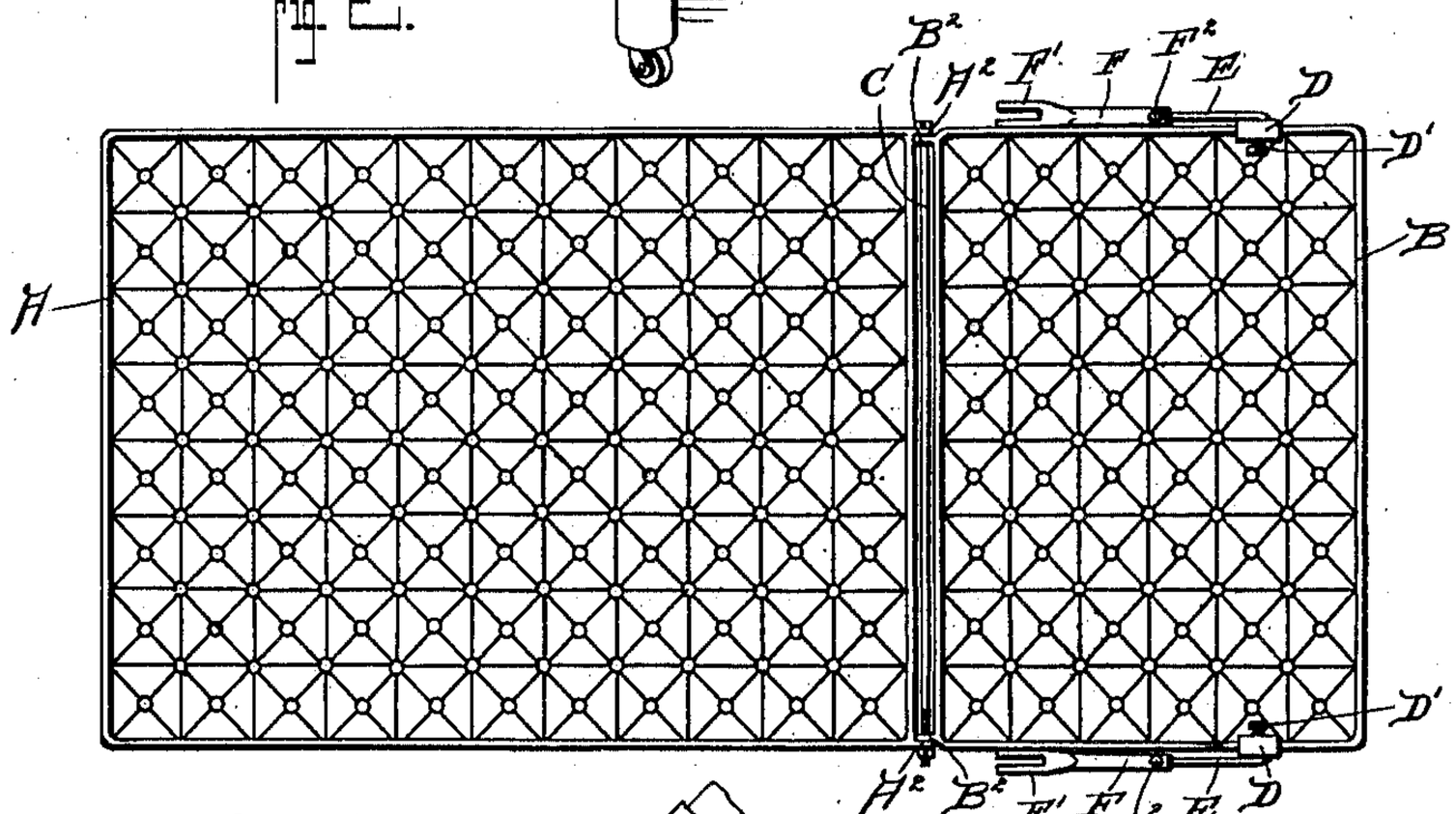


Fig. 3.

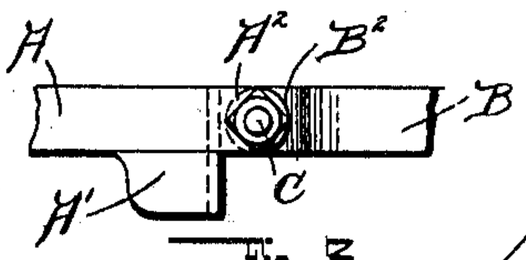
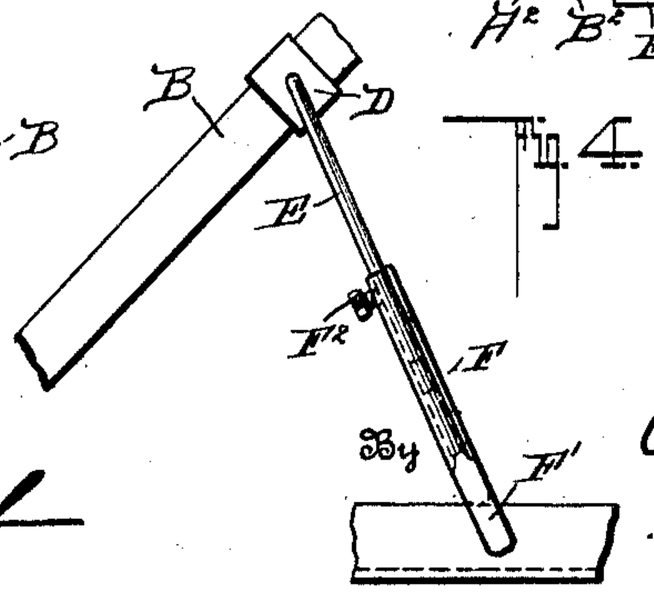


Fig. 4.



Witnesses

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ADJUSTABLE BED-SPRING.

989,173. Specification of Letters Patent. Patented Apr. 11, 1911.

Application filed December 31, 1908. Serial No. 470,173.

To all whom it may concern:

Be it known that I, ALEXANDER M. McGIFF, a citizen of the United States, residing in New York city, State of New York, have invented a new and useful Improvement in Adjustable Bed-Springs, of which the following is a specification.

This invention relates generally to bed springs, and more particularly to a spring composed of two sections, one of which is adjustable with reference to the other, whereby the said adjustable section can be raised or lowered as desired for the purpose of elevating the head portion of the bed to any desired point of adjustment.

It frequently happens in hospitals and sick rooms that it is desirable to elevate or adjust the head portion of the bed, and ordinarily pillows or cushions are inserted for the purpose of permitting the patient to remain in a sitting or semi-recumbent posture, and so far as I am aware, no spring has been constructed which will permit the head-portion thereof to be quickly and easily adjusted for the purposes hereinbefore mentioned, and the object of my invention, therefore is to provide a simple and inexpensive construction of spring which can be used either as an ordinary bed spring or adjusted so as to be capable of use for hospital and sick-room purposes. It will also be understood that these adjustments can be utilized for the purpose of transforming an ordinary spring into a spring capable of use upon a couch or lounge.

The invention consists in the various features of construction and combination all of which will be fully described hereinafter and pointed out in the claim.

In the drawing forming a part of this specification:—Figure 1 is a perspective view showing the practical application of my invention. Fig. 2 is a top plan view of the device. Fig. 3 is a detail view illustrating the connection between the sections of the spring and Fig. 4 is a detail view showing the connections between one section and the means for adjusting the same.

In constructing a spring in accordance with my invention I employ two frames A and B, essentially rectangular in shape, and preferably made of metal and covered with any suitable construction of spring wire fabric. The section A is usually about four feet long and the section B about two feet long, and the width will vary according to whether the spring is to be used upon a single or double bedstead. The section is preferably provided with four feet A′, which are adapted to rest upon the side rails or slats of the bedstead. The section A carries eyes A^2 at one end, and the section B is provided with eyes B^2 at the adjacent end and a pivot bolt C passing through the eyes A^2 and B^2 provides the pivotal connection between the sections A and B. The frame B is preferably made of tubular or rod iron and adjustable upon the side members of the said frame are the collars D secured when desired by means of set screws D′.

A rod E is pivotally connected to each collar D said rods E being adjustable in the tubular arms F which are bifurcated at their lower ends, as shown at F′, said bifurcated ends being adapted to rest upon the side rail of the bedstead, and a set screw F^2 serves to hold the rod E at any desired point of adjustment with reference to the tubular arm F. It is obvious that by adjusting the rod in or out, the head portion of the spring can be raised to any desired point of adjustment and furthermore, the angle of inclination can be quickly and easily changed by shifting the position of the tubular arm, as it is obvious that the said arm can be varied considerably and still serve as a firm support for the adjustable section of the spring.

When the spring is used as an ordinary spring, the supporting rods and arms can be folded alongside the frame or they can be detached if so desired, and the entire adjustable section may be removed by simply withdrawing the pivot bolt.

From the above description taken in connection with the accompanying drawings, it will be seen that I provide a simple, durable and inexpensive combination bedspring capable of carrying out all of the objects hereinbefore referred to.

Having thus fully described my invention,

what I claim as new and desire to secure by Letters Patent is:—

A bed spring consisting of two springs hinged together, one of said sections being longer than the other, adjustable collars mounted upon the side members of the shorter frame, rods pivotally connected to said collars and tubular arms adapted to receive the lower ends of said rods, means for fastening said rods in said arms, the lower ends of said arms being bifurcated, substantially as described.

ALEXANDER MICHEAL McGIFF.

Witnesses:
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