

D. E. Hall
Life Preserver

N^o 93,195.

Patented Aug. 3, 1869.

Fig. 1.

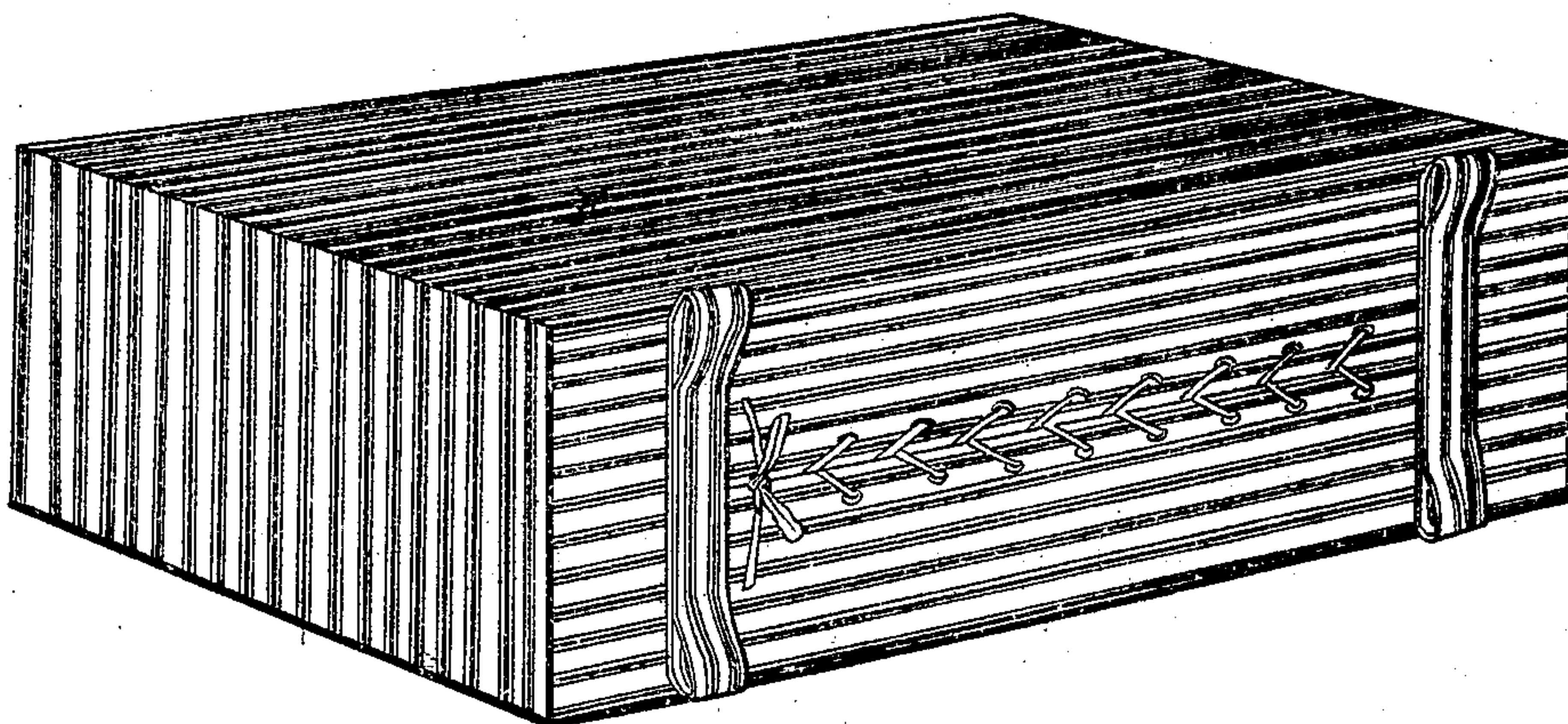


Fig. 2.

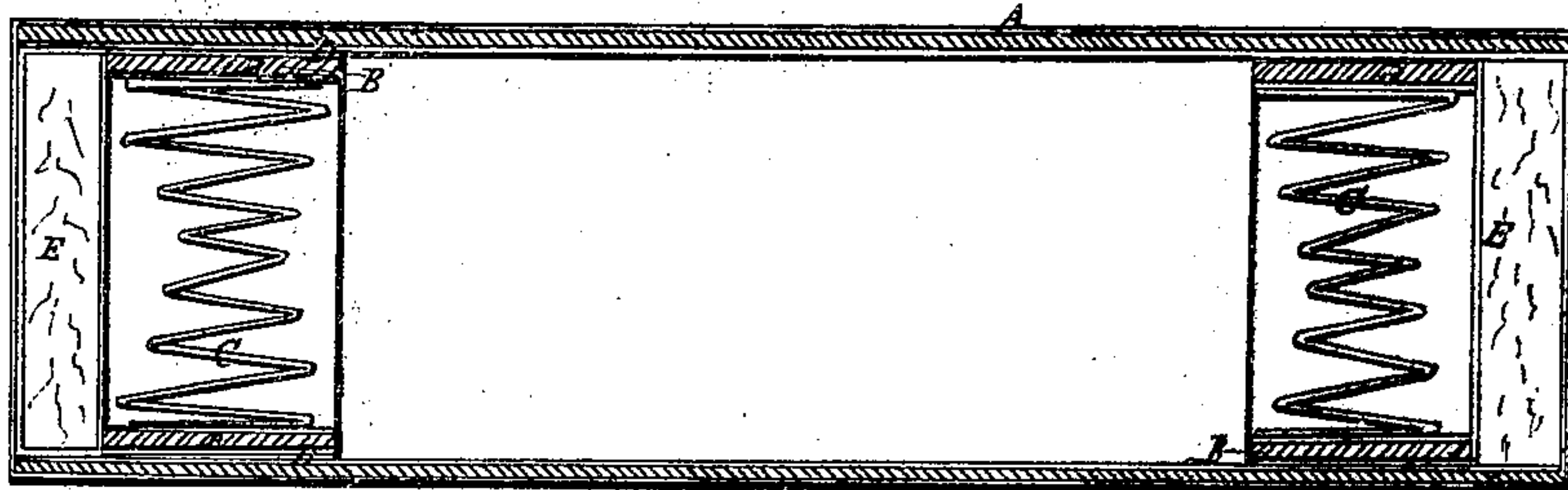
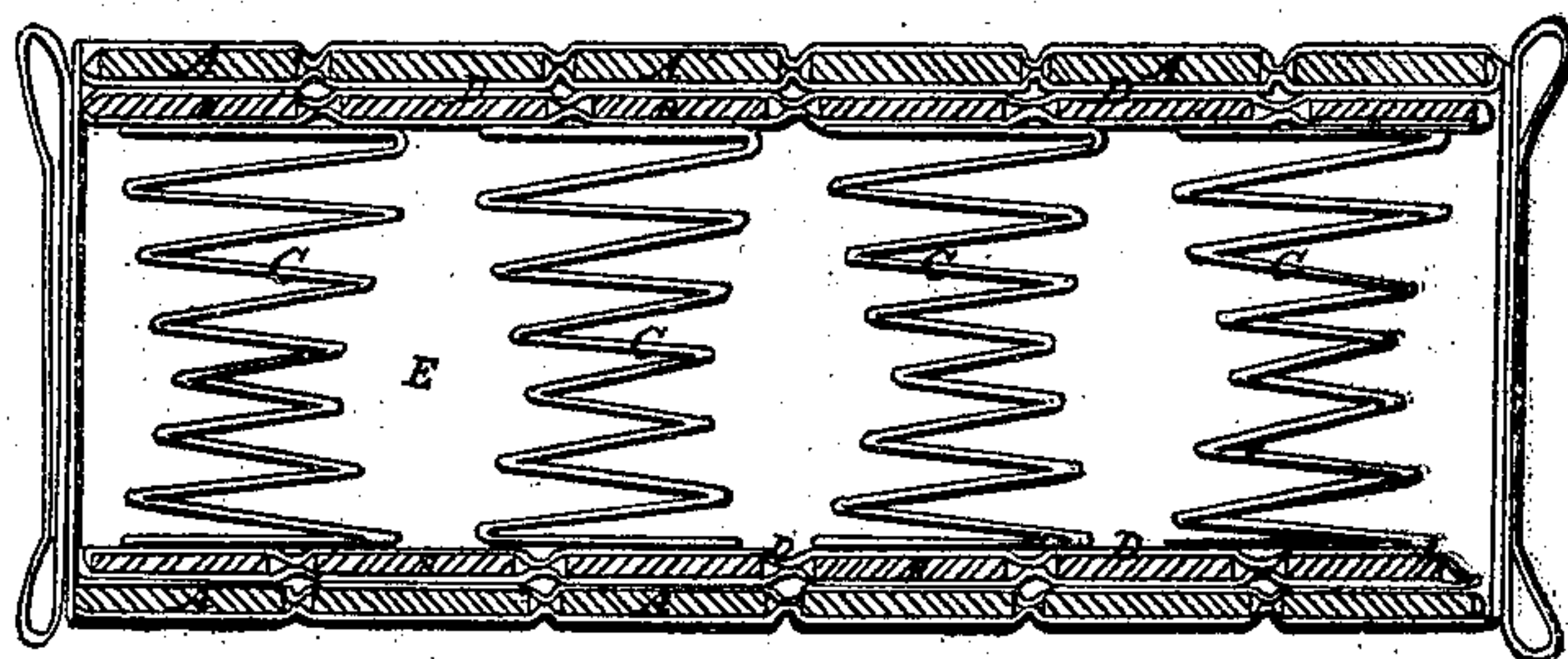


Fig. 3.



Witnesses.

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DAVID E. HALL, OF DETROIT, MICHIGAN.

Letters Patent No. 93,195, dated August 3, 1869.

IMPROVEMENT IN LIFE-PRESERVING MATTRESS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, DAVID E. HALL, of Detroit, in the county of Wayne, and State of Michigan, have invented certain new and useful Improvements in a Bed and Life-Preserver combined; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of the bed and preserver.

Figure 2 is a vertical longitudinal section.

Figure 3, a transverse vertical section.

Like letters of reference refer to like parts in the different views.

The nature of this invention relates to a bed-bottom, so constructed, and in combination with certain other devices, that it becomes thereby a life-preserver and bed combined.

Fig. 1 represents a perspective view of the bed, which consists of the slats A, fig. 2, arranged lengthwise, a transverse view of which is shown in fig. 3.

Said slats rest upon an arrangement of short slats, B, interposed between the ends and the openings C, whereby they are supported.

These short slats B are secured to each other by means of a covering, D, the slats and springs being separate structures, and independent of the longitudinal slats, being a kind of pillow or support for the springs and slats.

E, fig. 2, are sacks, filled with cork chips, or other light, buoyant material.

Said sacks or floats are interposed between the ends of the slats A, and on the outer side of the springs and slats B, thereby forming the extreme ends or walls of the bed-bottom.

By this arrangement of floats, slats, and springs, it will be obvious that a substantial, elastic, and durable bed-bottom is obtained, and, at the same time, an available means for the preservation of life, in case of accident, when the bed-bottom is used on board of steamboats and other vessels.

As the whole arrangement is enclosed in a strong covering or case, F, as shown in fig. 1, it is thereby made one entire thing, so that it can be handled with as much ease and facility as a common mattress; hence it can be put upon or taken off from the bedstead or bunk at a moment's notice, and used as a float or raft, for the preservation of life.

By means of the loops G, whereby it is handled, a number of them can be strapped together, and thus form a large and commodious raft, for the accommodation of a number of persons.

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

The slats A B, springs C, and floats E, when combined and arranged, in relation to each other, substantially as and for the purpose set forth.

DAVID E. HALL.

Witnesses:

W. H. BURRIDGE,
GEO. E. HALL.