

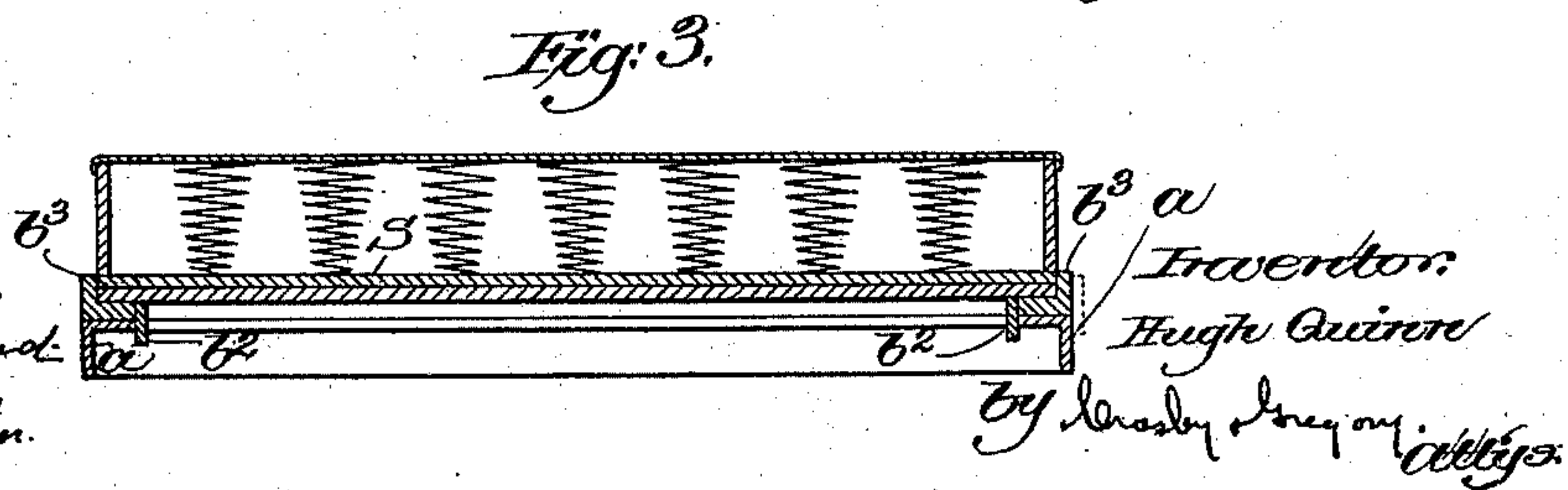
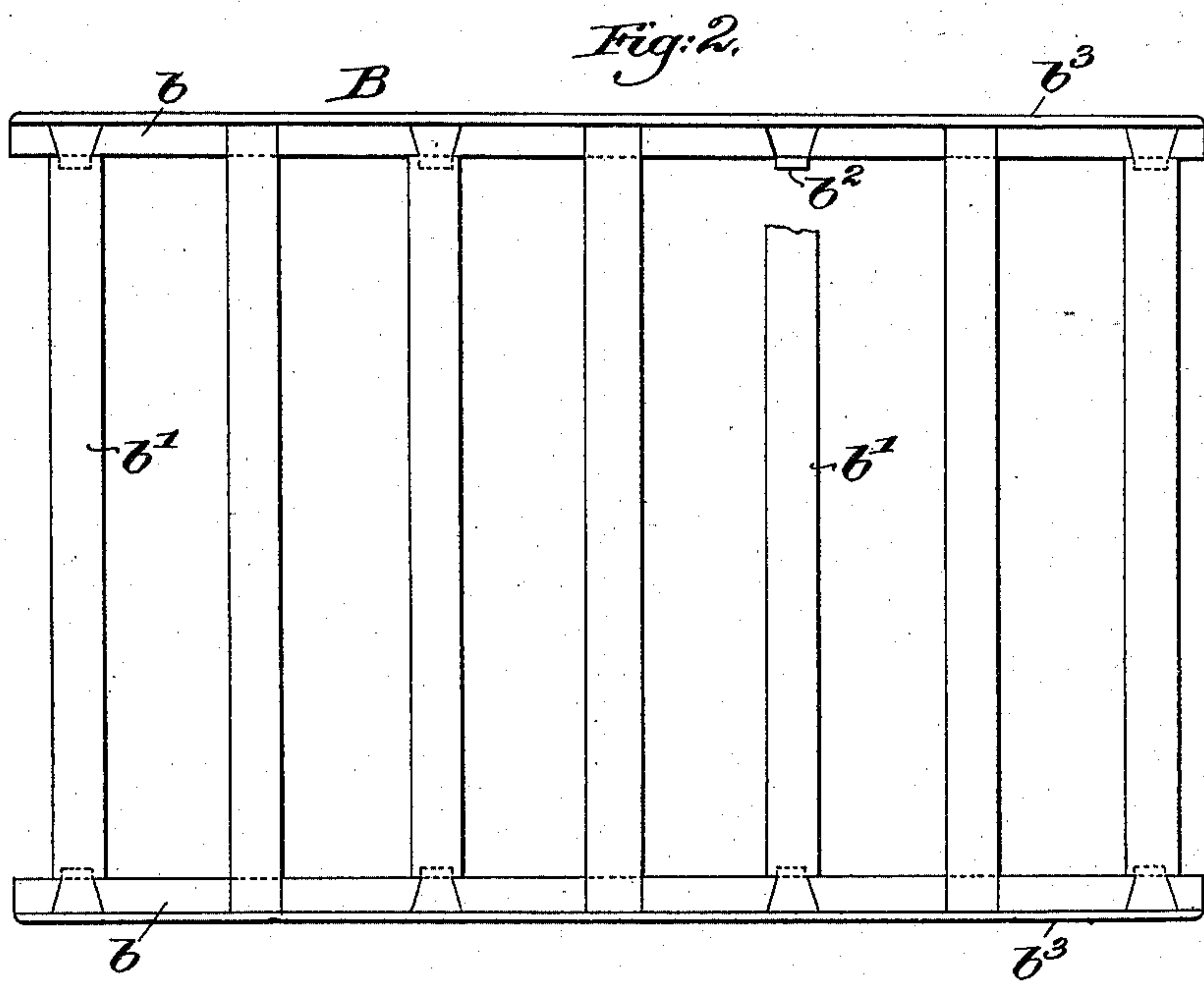
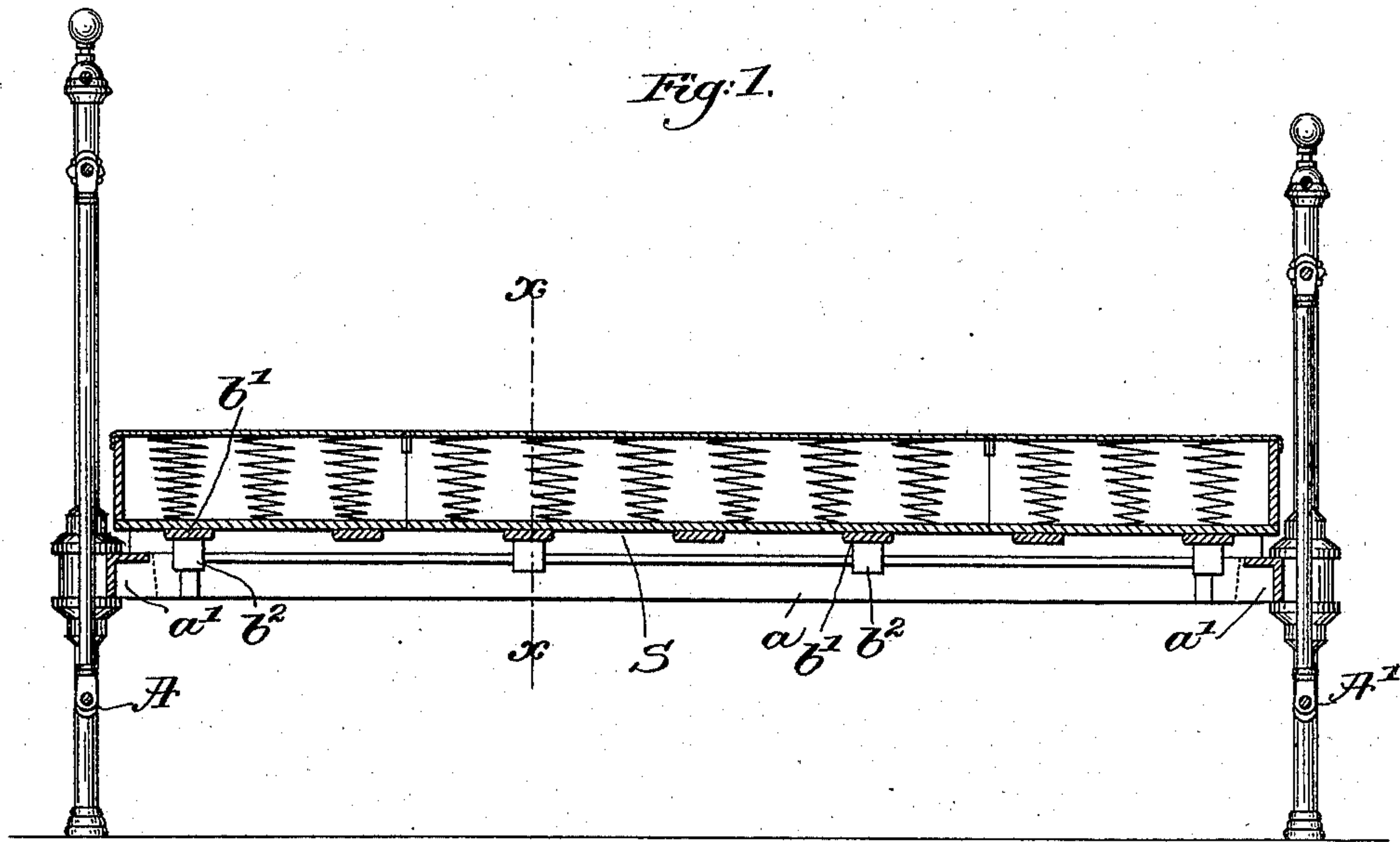
(No Model.)

H. QUINN.

SPRING SUPPORTING FRAME FOR BEDSTEADS.

No. 567,656.

Patented Sept. 15, 1896.



Witnesses.
Thomas Drummond.
Edward F. Allen.

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UNITED STATES PATENT OFFICE.

HUGH QUINN, OF BOSTON, MASSACHUSETTS.

SPRING-SUPPORTING FRAME FOR BEDSTEADS.

SPECIFICATION forming part of Letters Patent No. 567,656, dated September 15, 1896.

Application filed May 1, 1895. Serial No. 547,771. (No model.)

To all whom it may concern:

Be it known that I, HUGH QUINN, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Removable Spring-Supporting Frames for Iron Bedsteads, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

10 Iron or metallic bedsteads, as usually constructed, consist of end frames corresponding to the head and foot boards of an ordinary bedstead, connected by suitable iron side members or rails. Because of the absence of cross-slats or other suitable supports the use of suspended springs of woven-wire or link type is necessary with these bedsteads, such springs being supported solely at their ends by the end frames of the bedstead.

20 The object of this invention is to provide a suitable removable supporting-frame adapted to rest upon and be supported by the metallic side members of the bedstead and to furnish a suitable support for any kind of a mattress-supporting spring or mattress.

25 In the drawings, Figure 1 is a vertical longitudinal section of a usual metallic bedstead provided with a removable spring-supporting frame embodying my invention; Fig. 2, a top or plan view, partially broken away, of the removable frame shown in Fig. 1; and Fig. 3, a cross-section taken on the dotted line *xx*, Fig. 1.

30 Referring to the drawings, *A A'* are the two end frames of the bedstead, corresponding, respectively, to the usual head and foot boards, the same being connected in suitable manner by the side frames or members *a a*, shown as and usually angle or channel irons, the end frames being also preferably provided with like irons *a'*. It is evident that there is no support for the middle of an ordinary bed-spring or mattress. Hence in bedsteads of this type it is customary to employ the suspended 45 springs connected only to the end frames. To obviate this difficulty, I have provided a supporting-frame *B*, shown as consisting of two side members *b b*, connected by the cross members or slats *b'*, the side members *b*, as herein shown and preferably, being adapted to rest upon the tops of the side rails *a* of the

bedstead, and provided with depending stops *b²*, which, as shown, drop inside the said side rails and prevent lateral displacement of the removable spring-frame, although said stops 55 may be at the outside of said side rails, as shown in dotted lines. At their upper sides the side members *b* are shown provided with the vertical guard-flanges *b³* to prevent accidental displacement of the usual mattress-carrying spring-frame *S*, of suitable construction, adapted to rest upon and be supported by the side members *b* and their connecting slats or bars *b'*. By the use of a removable frame *B*, such as herein described, any desired spring may be used upon any metallic bedstead, and whenever it is desired to remove the spring or to change springs, or for cleaning purposes, the spring-frame *B* is readily removable, it being constructed of wood, 60 and therefore so light that it may be easily handled by any person.

So far as known to me I am the first to provide a metallic bedstead with a removable supporting-frame, as herein set forth, to adapt 75 the bedstead for use in connection with any of the prevailing types of mattress-carrying springs or to support a mattress without any spring.

I claim—

1. The combination with the end bedstead-frames and side rails connecting the same, of a removable supporting-frame comprising connected longitudinal side members arranged to rest upon and along the said side 85 rails, said frame being provided with stops to prevent lateral displacement therefrom, and adapted to receive the ordinary springs and mattress, substantially as described.

2. The combination with the end frames of a bedstead, and the connecting side rails or members, of a removable spring-supporting frame adapted to rest upon and be supported by the said side rails, and provided at its under side with stops to prevent displacement 95 of the said removable frame, and at its upper side with stops to prevent displacement of the springs or mattress when placed upon the said removable frame, substantially as described.

3. The herein-described removable supporting-frame adapted to be placed on ordinary 100

bedsteads, the same consisting of side mem-
bers, adapted to rest on and along the sides
of the bedstead, connecting and supporting
members, flanges at the upper sides of the
5 said side members, and stops at the under
sides of the same, to operate, substantially
as and for the purpose described.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

HUGH QUINN.

Witnesses:

FREDERICK L. EMERY,
EMMA J. BENNETT.