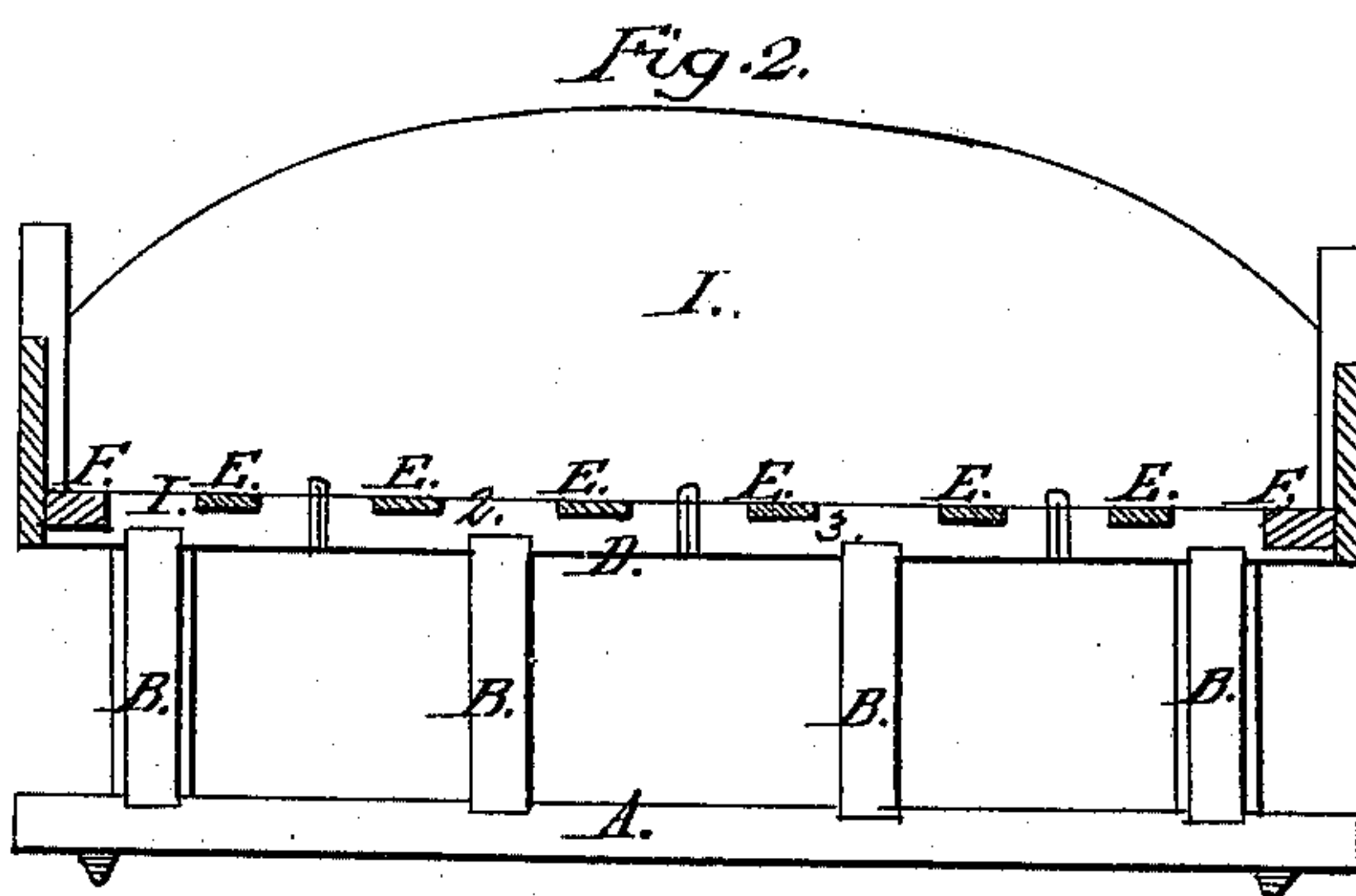
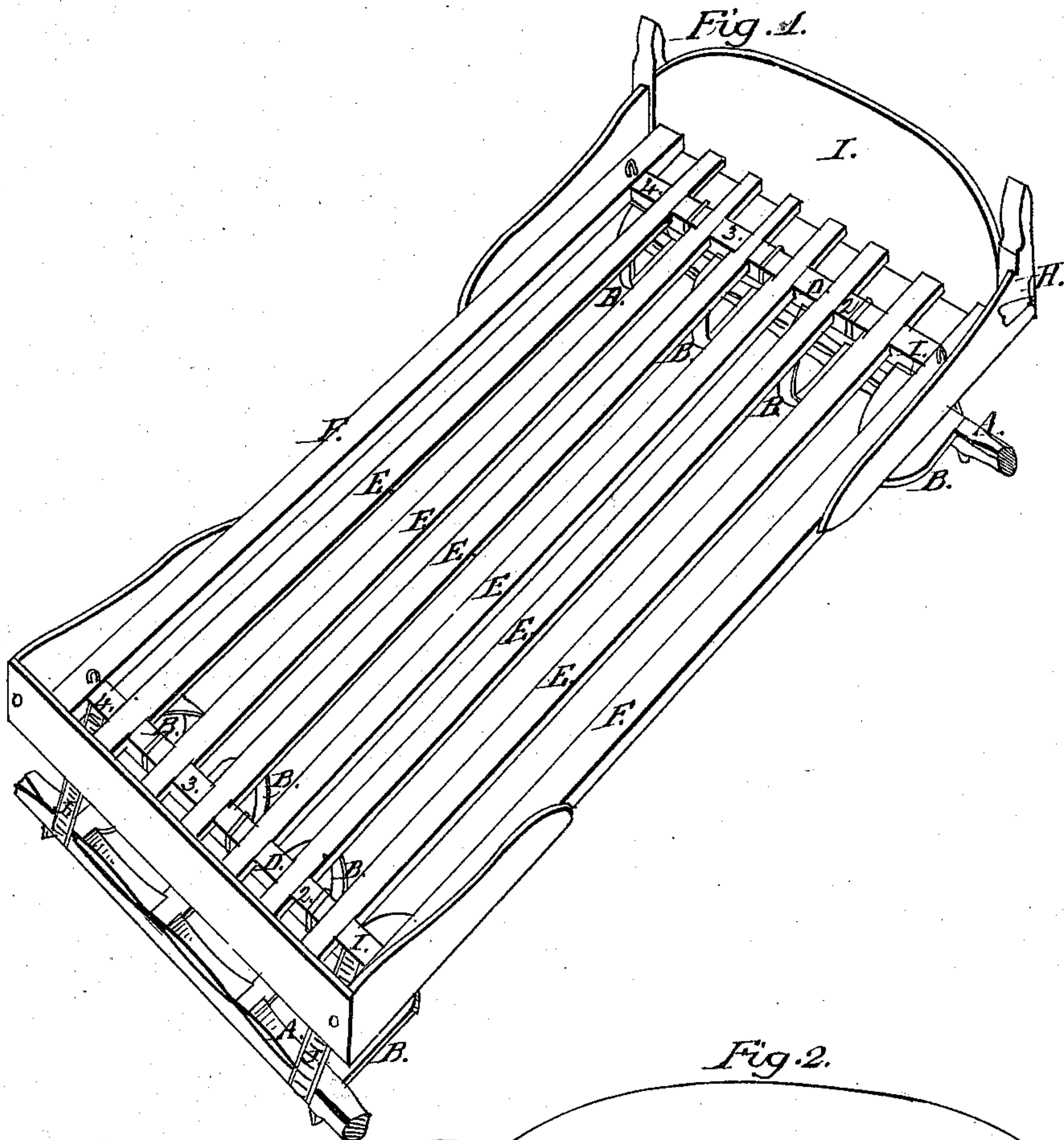


J. Harris,
Bed Bottom.

No. 87,489.

Patented Mar. 2, 1869.



Witnesses:
W. C. Hyde.
H. F. Ebert.

Inventor:
John Harris
by
Thos. S. Sprague
Attorney



J. JOHN HARRIS, OF PEWAMO, MICHIGAN.

Letters Patent No. 87,489, dated March 2, 1869.

IMPROVED BED-BOTTOM.

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

To whom it may concern:

Be it known that I, J. JOHN HARRIS, of Pewamo, in the county of Ionia, and State of Michigan, have invented a new and useful Improvement in Bedsteads; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and being a part of this specification.

Figure 1 is a perspective view of my invention.

Figure 2 is a section, showing the hinged bar.

Like letters indicate like parts in each figure.

The nature of this invention relates to the construction of a bedstead, whose supports will act as springs, surmounted by hinged cross-bars, to assist in giving elasticity to the bed-bottom.

A, in the drawings, represents cross-bars, which act as the foundation of the bedstead, and may be supported upon casters, if desired.

B is a series of C-shaped springs, bent in the form shown in the drawings, one end of which is attached to the cross-bars A, while their opposite ends are secured to other cross-bars, D.

These cross-bars are made in sections, 1, 2, 3, 4, which are hinged together, as shown.

E are the longitudinal slats forming the bottom, their ends resting upon the hinged cross-bars, and so arranged that one or more of said slats rest upon the sections of said cross-bars, between the hinges 5.

F are the side rails, attached at each end to the ends of the hinged cross-bars.

G are rigid hooks, secured to the sides of the bedstead, by means of which, in their engagement with pins H, in the ends of the head-board I, the said head-board is secured in place, and can be removed at pleasure.

J are stays, of rubber, webbing, leather, or other suitable material, secured at one end to the cross-bars A, and at the other, to the hinged cross-bars D.

The whole forms a durable, cheap, and elastic bedstead and bottom combined.

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

1. The cross-bars D, when formed in hinged sections, in combination with the bent springs B, substantially as set forth.

2. The combination of the cross-bars A, bent springs B, cross-bars D, hinged in sections, slats E, side-rails F, hooks G, pins H, head-board I, and stays J, when arranged and operating substantially as set forth.

J. JOHN ^{his} × HARRIS.
mark.

Witnesses:

L. HUNGERFORD,
WM. CRAIG.