

T. Howe.

Bed Bottom,

No. 13,265,

Patented July 17, 1855.

Fig. 1.

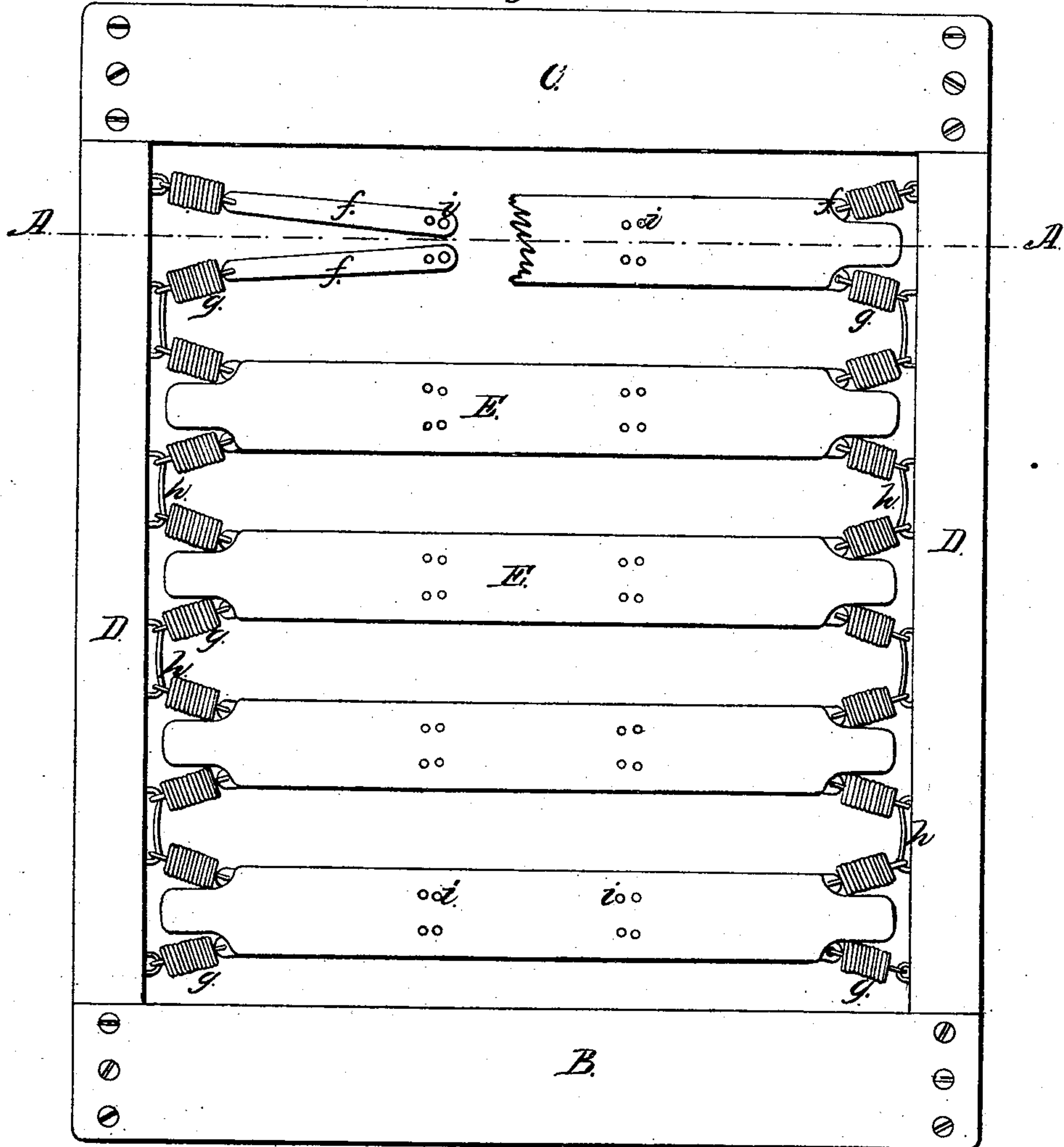
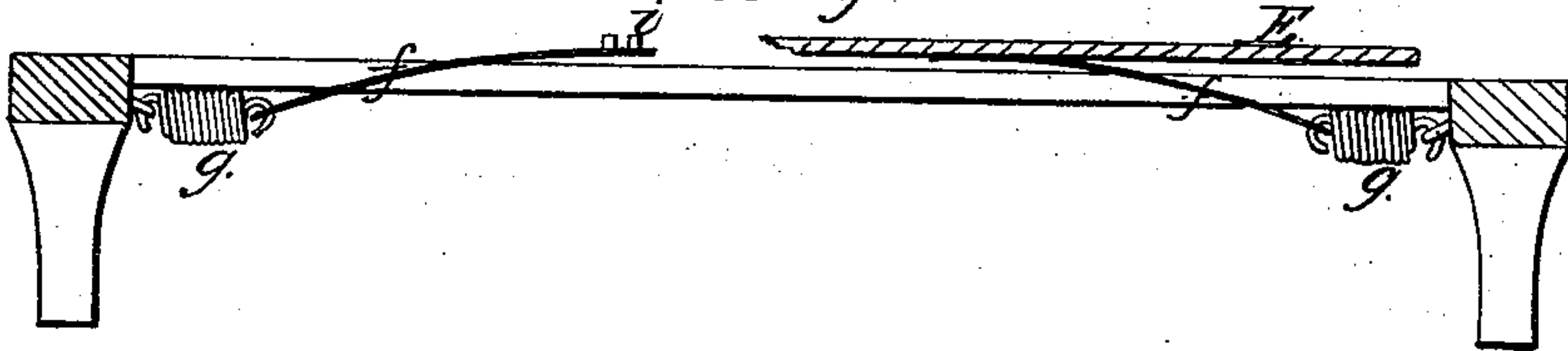


Fig. 2.



UNITED STATES PATENT OFFICE.

TYLER HOWE, OF CAMBRIDGEPORT, MASSACHUSETTS.

BEDSTEAD.

Specification of Letters Patent No. 13,265, dated July 17, 1855.

To all whom it may concern:

Be it known that I, TYLER HOWE, of Cambridgeport, in the county of Middlesex and State of Massachusetts, have invented a
5 new and useful Improvement in Bed-Bottoms, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, making part of this specification, in which—

10 Figure 1 is a plan of a bedstead with my improvements attached. Fig. 2 a vertical section upon the line A, A, of Fig. 1.

My invention has for its object to produce a bed bottom that shall be perfectly elastic
15 at every point, and capable of yielding so as to conform to the shape of the body, while at the same time the slats of which it is composed being supported by spring bearings near the middle of their length, do
20 not sag in the center, as is the case with sacking and other yielding bed bottoms with which I am acquainted.

To enable others skilled in the art to understand my invention I will proceed to
25 describe the manner in which I have carried it out.

In the accompanying drawings—B is the head, C the foot and D the side rails of the bedstead.

f are steel or other springs attached to 30 the slats at the points *i* about one third way from their extremities—the ends of these springs are suspended from the spiral springs *g*, the other ends of which are
hooked into the staples *h* in the side rails. 35

A bed bottom thus constructed possesses a peculiar capability to adapt itself to the form of the body while the slats are perfectly prevented from sagging in the center, desiderata which it is believed have never
40 been possessed by a sacking or other elastic bed bottom.

The spiral springs *g* might be dispensed with, the elliptic springs *f* being hooked directly to the side rail,—this would not, 45 however, form so perfect a foundation as where the above arrangement of spiral and elliptic springs is used.

What I claim as my invention and desire to secure by Letters Patent is— 50

The within described bed bottom consisting essentially of the slats E and the springs *f* constructed and operating in the manner substantially as herein set forth.

TYLER HOWE.

Witnesses:

SAM. COOPER,
JOHN S. CLOW.