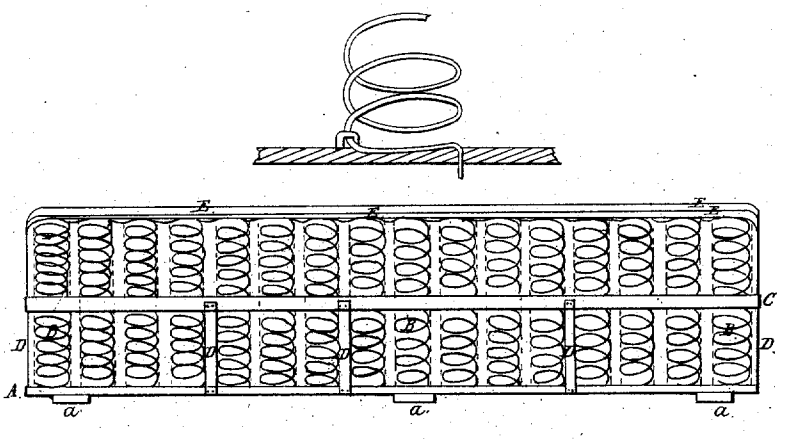
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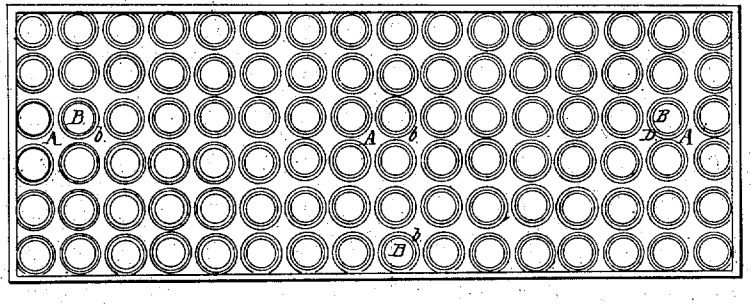
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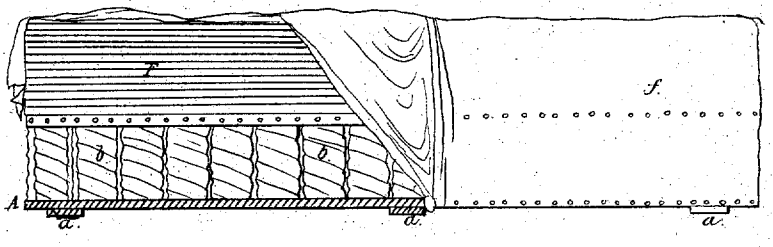
J. French,

Bed Bottom,

Patented Aug. 25, 1831.







N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

Aug 25 1831 405.

Josiah French Ware Massachusetts 6708X

Letters Patent

To all whom it may concern Be it known that I Josiah French of Ware in the County of Hampshire and State of Massachusetts Gentleman have invented a new and useful improvement in making Bells called the Spring Bells which is fully described in the following manner viz. 1st The bell is made of boards planed and suited together with three cleats the boards of the length and breadth which may be required for any bell. 2nd The Springs are made of wire about one eighth of an inch in diameter the wire is first wound round a cylinder from which it is taken in a spiral form the cylinder is then put in a lathe and the spring cut off from the cylinder with a knife the spring is then bent in a form to suit the required size. These Springs are then fixed on the board in the following manner viz. The bottom end of the spring is bent down about ½ of an inch and a hole bored in the bottom the same size of the wire and the Springs set in one a nail staple driven over the wire about half way round from the place where it is fixed in the bottom. The staple is to keep the Spring from turning in the bottom the Springs to the [illegible] is then to be tacked on the bottom board. 3rd A frame of the size of the bell is made to contain the above Springs of board length wood two and one half inches wide and one inch thick to be just length of the same size of the bottom and to be placed half way between the bottom board and the top of the Springs is attached to the bottom board by two thin staples with each staple being of one other use than to prevent the frame from sliding when moving the bell by means of said frame is to keep the Springs perpendicular

6726X

deck nail the top covering of Cotton Batten & flannen
the top of the Springs & a Covering of three thick Mats
Cotton Batten and nailed to the frame and nailed to the bottom board like
wise a Coil Mick Coat of Cotton batten & any kind of Stuffing that will keep
a flannen the above deck and then a Covering of Calico ticking & any thing
that may be made Object & Canvas and nailed to the bottom boards
which Completes the bed.

In testimony that the above is a true Specification of my said
Improvement as above described I have hereto set my Signature and seal the
Eighth day of August in the Year of our Lord one thousand Eight hundred
and thirty one

Witness
Asher Bliss
Ezra Allen
Page McKinney

Isaac Brooks