

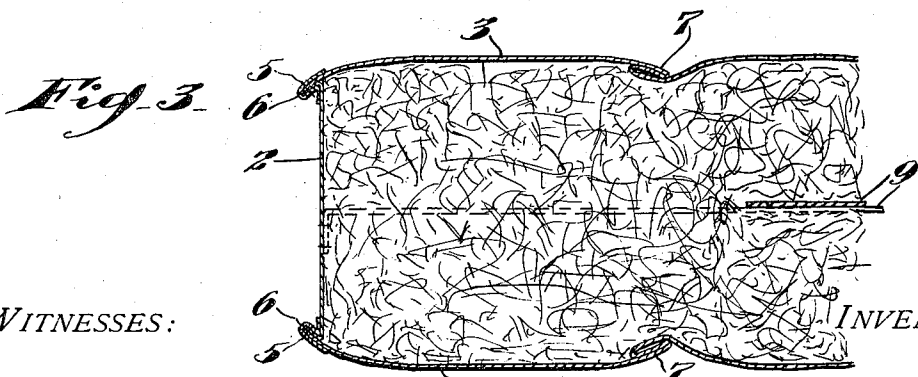
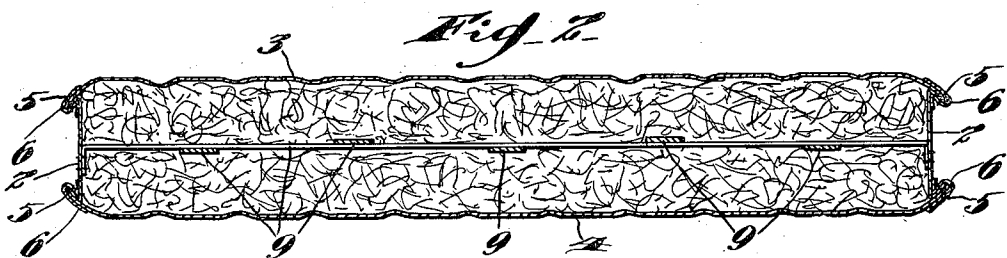
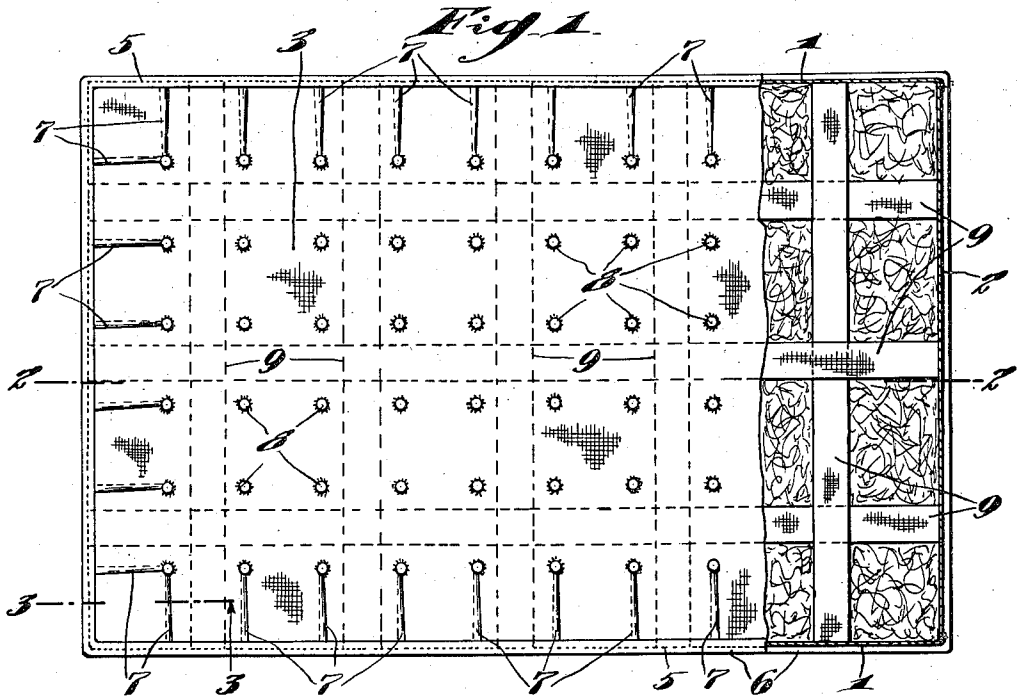
E. F. SCHMITT.

MATTRESS.

APPLICATION FILED OCT. 3, 1911.

1,014,261.

Patented Jan. 9, 1912.



WITNESSES:

Thos. P. ...
R. V. Krenkel

BY *Frederick L. Schmitt,*
Joshua R. V. Totten,
 Attorney

UNITED STATES PATENT OFFICE.

FREDERICK F. SCHMITT, OF PHILADELPHIA, PENNSYLVANIA.

MATTRESS.

1,014,261.

Specification of Letters Patent.

Patented Jan. 9, 1912.

Application filed October 3, 1911. Serial No. 652,534.

To all whom it may concern:

Be it known that I, FREDERICK F. SCHMITT, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Mattresses, of which the following is a specification.

My invention relates to improvements in mattresses, the object of the invention being to provide a mattress which will not expand longitudinally or transversely after being used for a short time, but will maintain its original dimensions even should the tufting break.

Heretofore in the manufacture of mattresses, it has been the common practice to form the top, bottom, the sides and the ends of the mattresses all of a dimension greater than the dimension of the finished mattress, so that when the mattress is tufted, the dimensions of the mattress will be brought down to that desired, hence as a natural consequence when the tufting breaks, or after being used the plaits formed will spread and allow the mattress to assume the size originally cut, and will not properly fit the bed.

It is the purpose of my invention therefore, to provide a mattress which overcomes such a defect and maintains its original dimensions at all times, and the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described and pointed out in the claim.

In the accompanying drawings: Figure 1, is a plan view partly broken away illustrating my improvements. Fig. 2, is a view in longitudinal section on the line 2—2 of Fig. 1, and Fig. 3, is a fragmentary view in section on the line 3—3 of Fig. 1.

In forming my improved mattress, I provide sides 1, and ends 2, which when together form a compartment which is the exact size of the mattress to be formed. To these sides and ends, I secure the top 3, and bottom 4 by lines of stitching 5 and binding tapes 6, and this top and bottom are of dimensions in both directions in excess of the size of the finished mattress, so as to compensate for the tufting.

In forming the mattress, the excess of the

top and bottom are compensated for, as they are sewed to the sides and ends, by forming plaits 7 which are folded over or laid and sewed into the stitching 5. The operator in forming the mattress, of course, lays these plaits just where the tufts are to be formed, and after it is entirely sewed, and the tufts 8 made, said tufts will take up the excess in the top and bottom and the mattress will be formed of the desired dimension without relying upon the tufts to hold it in shape. As a further precaution against any expansion in either direction, and to assist the sides and ends to sustain the strains thereon, I provide a plurality of longitudinal and lateral strips 9, which extend through the mattress and are sewed at their ends to the sides and ends respectively as clearly shown. These strips 9 I preferably form of the same material, as the mattress cover, and they are preferably located centrally as seen in Figs. 2 and 3. The mattress may of course be filled with any ordinary material with which mattresses are commonly made, as my improvements readily lend themselves to the manufacture as it is now carried on.

Various slight changes might be made in the general form and arrangement of parts described without departing from my invention, and hence I do not limit myself to the precise details set forth, but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claim.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

A mattress comprising sides and ends, top and bottom of dimensions in excess of the dimensions of the sides and ends, said top and bottom secured to the sides and ends, and having plaits laid at regular intervals, and tufts formed in said mattress in line with said plaits, substantially as described.

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

FREDERICK F. SCHMITT.

Witnesses:

R. H. KRENKEL,
CHARLES E. POTTS.