

No. 880,784.

PATENTED MAR. 3, 1908.

J. T. FERRES.
BOARD.

APPLICATION FILED JAN. 15, 1907.

Fig. 1

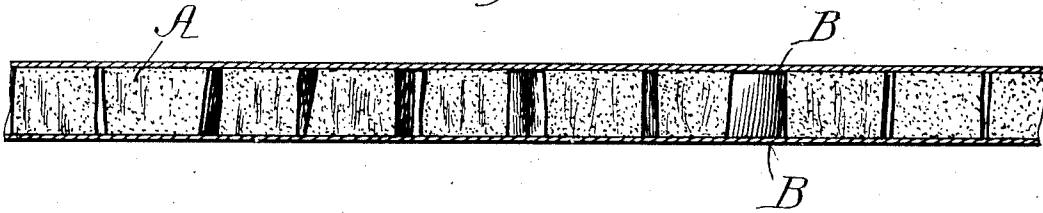


Fig. 2

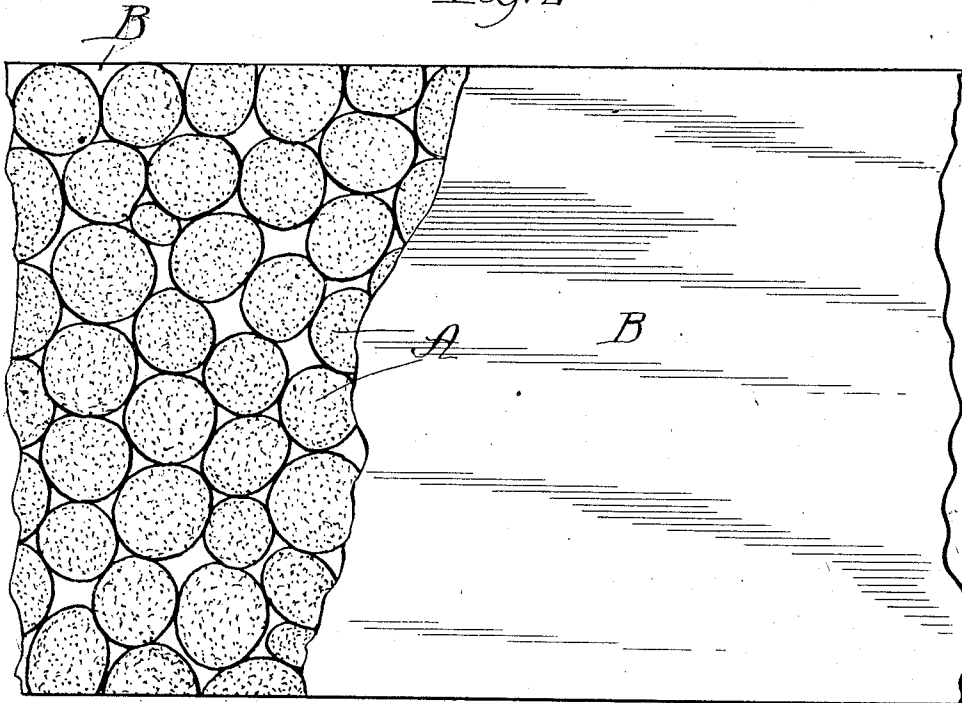
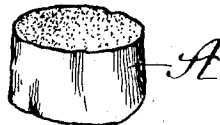


Fig. 3



Witnesses:
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UNITED STATES PATENT OFFICE.

JEFFREY T. FERRES, OF ANDERSON, INDIANA, ASSIGNOR TO J. W. SEFTON MANUFACTURING COMPANY, OF ANDERSON, INDIANA, A CORPORATION OF INDIANA.

BOARD.

No. 880,784.

Specification of Letters Patent.

Patented March 3, 1908.

Application filed January 15, 1907. Serial No. 352,410.

To all whom it may concern:

Be it known that I, JEFFREY T. FERRES, a citizen of the United States, residing at Anderson, Madison county, Indiana, have invented a certain new and useful Board, of which the following is a specification.

My invention consists in the production of a board as a new article of manufacture, the same being intended more particularly for the same uses as the well known corrugated paper board which is commonly used for boxes, cartons and the like, although I contemplate using my new board wherever applicable.

The object of my invention is to produce a board which shall be comparatively inexpensive and shall be comparatively light, without sacrificing strength. To this end my new board is composed of cross sections of vegetable stems assembled together and held between sheets of paper in the manner hereinafter explained.

In the accompanying drawing, Figure 1 is a cross section of my new board; Fig. 2 a plan view thereof with the top facing thereof partly broken away to expose sections of vegetable stems, which in the present instance are sections of corn stalks; and Fig. 3 a perspective of one of the corn stalk sections.

As hereinbefore stated, my new board is composed of a series of cross sections of vegetable stems assembled together with their opposite ends in the same parallel planes and held in such assembled condition by parallel sheets of facing paper. These vegetable stems may be of any character suitable for the purpose, although I have found in practice that good results are obtained from the use of corn stalks, inasmuch as the same possess the requisite strength and are at the same time extremely light in weight. I will therefore proceed to describe my invention as embodied in a board in which the particular vegetable stems employed are corn stalks, although my invention in its broader aspects is not limited to such particular character of vegetable stems.

Referring to the present embodiment of my invention, the corn stalks are cut or sawed transversely, so as to provide cross sections of equal length or height. A series of these sections A are assembled together in the manner clearly indicated in Figs. 1 and 2, with their peripheries in contact and with their opposite ends in the same parallel

planes, inasmuch as they are cut of the same height or length. On the opposite ends of these sections are arranged strips or sheets of paper B B or the like, which may be of any suitable character and thickness, with the result that the sections are held in their described assembled condition. In practice the paper which is employed is what is known as facing paper such as is employed in the manufacture of double-faced corrugated paper board, and the same is secured by gluing or pasting to the opposite ends of the corn stalk sections. It will be understood that these boards may be of any desired dimensions and particularly of any desired thickness, such latter dimension depending upon the height or length to which the sections are cut. In the illustration of Fig. 1 the facing paper B is shown somewhat exaggerated as to thickness for the sake of a clear illustration of the board, but it will nevertheless be evident, as hereinbefore suggested, that the means for holding the corn stalk sections in their assembled condition may be of any suitable character and material and likewise may be of any suitable or desired thickness. In practice it is preferred to thoroughly dry the corn stalks before the same are used in the manufacture of the board so that there shall be no warping or distortion of the board after being made.

I claim:

1. As a new article of manufacture, a board composed of a series of cross sections of vegetable stems assembled together with their ends in the same parallel planes, and paper arranged at their opposite ends; substantially as described.

2. As a new article of manufacture, a board composed of a series of cross sections of vegetable stems assembled together with their ends in the same parallel planes, and sheets of paper secured to the opposite ends of such sections; substantially as described.

3. As a new article of manufacture, a board composed of a series of cross sections of vegetable stems assembled together with their ends in the same parallel planes, said sections being circular and arranged with their peripheries in contact, and sheets of paper secured to the opposite ends of such sections; substantially as described.

4. As a new article of manufacture, a board composed of a series of cross sections of vegetable stems assembled together with

their ends in the same parallel planes, and a sheet of suitable material secured to one end of said sections to hold them in said assembled condition; substantially as described.

- 5 5. As a new article of manufacture, a board composed of a series of cross sections of corn stalks, said sections being of the same height and assembled together with their ends in the same parallel planes, and sheets of
10 paper arranged at their opposite ends to hold such sections in said assembled condition; substantially as described.

6. As a new article of manufacture, a board composed of a series of cross sections of corn stalks, said sections being of the same height and assembled together with their ends in the same parallel planes, and sheets of paper pasted to the opposite ends of such sections to hold them in said assembled condition; substantially as described. 15

JEFFREY T. FERRES.

Witnesses:

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