J. T. FERRES.

DOUBLE FACED CORRUGATED PAPER BOARD AND METHOD OF MAKING THE SAME.

APPLICATION FILED OCT. 18, 1912.

1,100,064. Patented June 16, 1914.

Fig. 1.

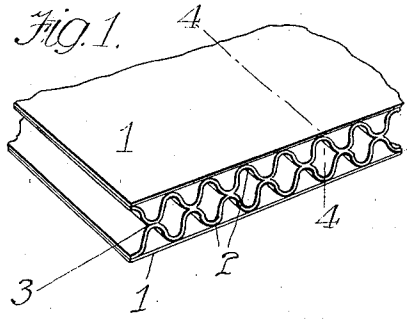


Fig. 2.

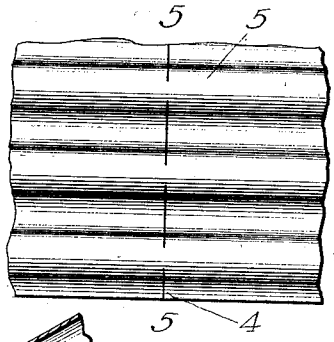


Fig. 3.

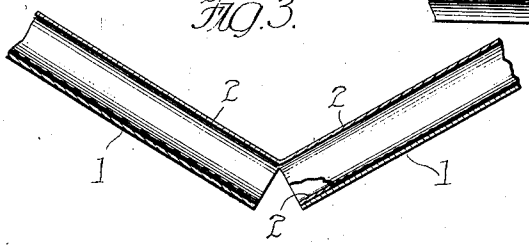


Fig. 4.

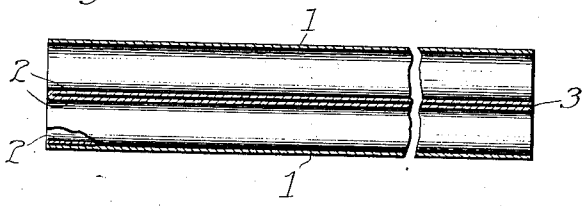
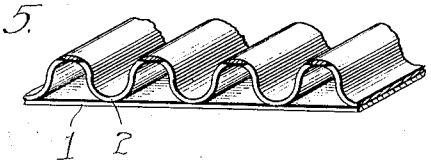


Fig. 5.



Witnesses
Martin H. Olsen.
Robert Dobberman

Inventor
Jeffrey T. Ferres
By Rector, Hibben Davis & Macauley
His Attys

UNITED STATES PATENT OFFICE.

JEFFREY T. FERRES, OF LOS ANGELES, CALIFORNIA, ASSIGNOR TO THE SEFTON MANUFACTURING COMPANY, OF ANDERSON, INDIANA, A CORPORATION OF INDIANA.

DOUBLE-FACED CORRUGATED PAPER-BOARD AND METHOD OF MAKING THE SAME.

1,100,064. Specification of Letters Patent. Patented June 16, 1914.

Application filed October 18, 1912. Serial No. 726,410.

To all whom it may concern:

Be it known that I, JEFFREY T. FERRES, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a certain new and useful Double-Faced Corrugated Paper-Board and Method of Making the Same, of which the following is a specification.

My invention relates to paper board of double faced corrugated character and the object thereof is to produce a novel and efficient board of this kind and to provide a new and useful method of making the same.

Speaking in general terms, my new board comprises two facing strips and two interposed corrugated strips having their crowns opposed and secured to each other and my method of making such board consists in applying an adhesive to the crowns of the corrugations of two sheets of single faced boards and bringing such sheets together with their crowns in contact.

In the drawing, Figure 1 is a perspective view illustrating my new construction of board; Fig. 2 a plan view of the board during its process of manufacture; Fig. 3 a cross section of the board illustrating a step in the process or method of manufacture; Fig. 4 a section on the line 4—4 of Fig. 1 illustrating the completed board and Fig. 5 a section on the line 5—5 of Fig. 2.

Referring to the present embodiment of my invention as illustrated in the drawings, my board comprises the two facing strips 1, 1 and the two corrugated strips 2, 2 interposed between the facing strips. Each corrugated strip is secured by an adhesive to its facing strip and the opposing crowns of these corrugated strips are in contact with each other and are secured together by an adhesive indicated at 3.

Describing my preferred method of making this new board, I take a sheet of single faced corrugated paper board of any desired or suitable dimensions and slit it in half by means of the slit indicated at 4 in Fig. 2, with the exception of the highest portion of the crowns of these corrugations as indicated at 5. The two half sheets or sections thus produced are then turned or reversed upon each other with the corrugations intermediate, the unslitted portions 5 acting as hinges and also holding the two sections in proper relationship as shown in Fig. 3, with the result that when the two sections or sheets are completely brought together as seen in Fig. 4 the crowns of the opposing corrugations will be in contact with each other with accuracy along their entire length. After the sheet has been slitted in the manner explained and before the two sections or half sheets are folded over, the sheet is passed through a suitable machine of any well-known character for applying paste to the crowns of the corrugations so that when the two sections are folded together as already described the crowns which are in contact will be secured together as at 3. In this manner the completed board is made with the greatest accuracy and uniformity, the proper positioning or registering of the opposing crowns and their securing together being assured.

I claim:

1. The method of making double faced corrugated paper board from a single sheet of single faced corrugated paper board which consists in applying an adhesive to the exposed crowns of the corrugations and then folding such board transversely at its middle and in a direction to bring said crowns into contact along their length.

2. The method of making double faced corrugated paper board which consists in slitting a sheet of single faced corrugated paper board except through the crowns thereof, applying an adhesive to such crowns, said slitting being in a direction transverse of the corrugations and then folding the two sheets upon each other upon the unsevered portions as hinges and bringing the sheets together with their crowns in contact.

3. Corrugated paper board comprising two sheets of corrugated paper superimposed with their crowns secured to each other along their length, said sections being integrally connected at one end.

4. Corrugated paper board comprising two sheets of corrugated paper superimposed with their crowns secured to each other along their length, said sections being integrally connected at one end of said crowns.

5. A double faced corrugated paper board comprising two facing strips and two inter-

posed corrugated strips secured to the facing strips respectively, those crowns of the corrugated strips not attached to such facing strips being secured to each other along their length and integrally connected at one end.

6. A double faced corrugated paper board made from a single sheet of single faced corrugated paper board and comprising two facing strips and two interposed corrugated strips secured at one set of crowns to the facing strips respectively and having their other set of crowns secured to each other and integrally connected together at one end.

JEFFREY T. FERRES.

Witnesses:
S. E. HIBBEN,
ROBERT DOBBENMAN.