

DEFENSIVE PUBLICATION

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896 O.G. 18

T896,014

METHOD OF MAKING PLYWOOD CORES

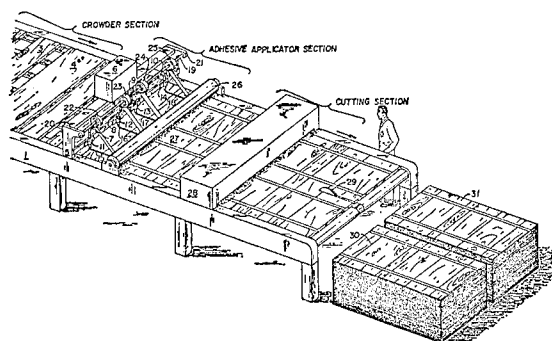
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Int. Cl. B32b 5/12

U.S. Cl. 161—60

2 Sheets Drawing, 19 Pages Specification



Method of making plywood veneer cores or sheets by continuously bringing a succession of thin random with wood veneer sections of substantially the same length into edge-to-edge contact, extruding a plurality of continuous beads of a hot melt adhesive onto the upper surface of each of the abutting sections and simultaneously pressing a strong, porous paper tape onto each of the adhesive beads in such a manner that the adhesive is caused to adhere to the undersurface of each tape, whereby strong adhesive bonds are formed between each of the tapes and the underlying surfaces of each of the sections. Alternatively, the tapes may be precoated with the adhesive and continuously applied to the sections with the adhesive side down and the adhesive melted and reactivated in situ by pressing the tape into contact with the sections by means of a heated roll. In either case the resulting product is a multi-section thin veneer core sheet which unexpectedly has sufficient strength and other desirable properties to enable it to be cut into 4 x 8 foot sheets or plys for use in standard plywood laminating operations.

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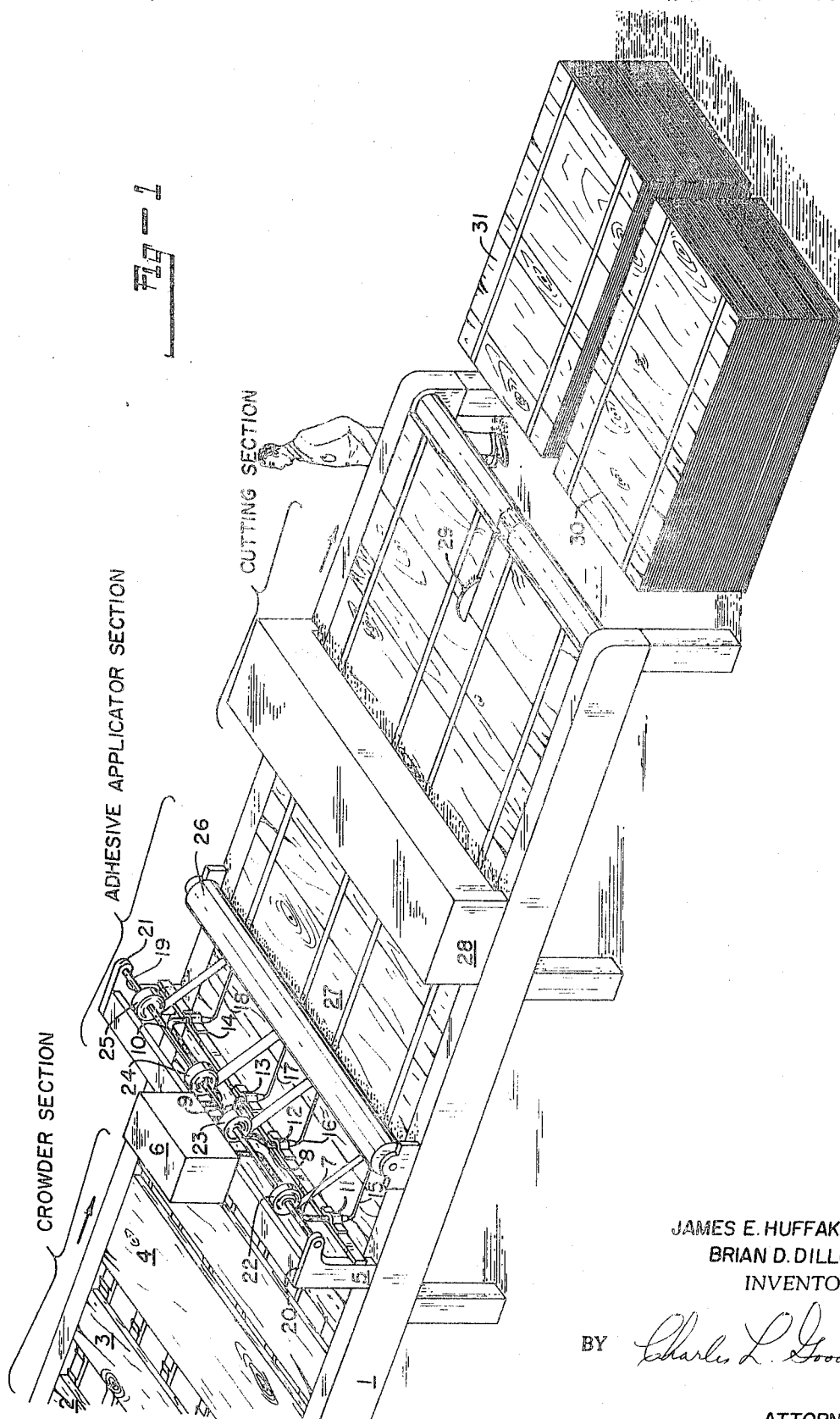
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2 Sheets-Sheet 1



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2 Sheets-Sheet 2

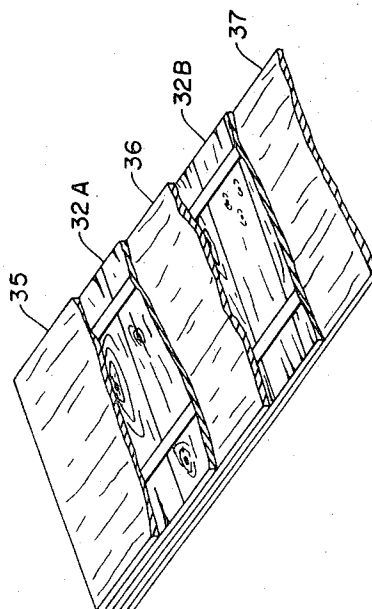


Fig. 3

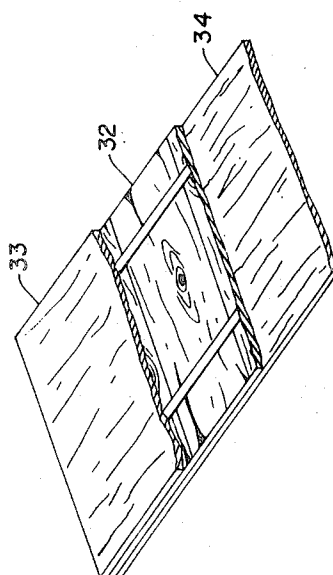


Fig. 2

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