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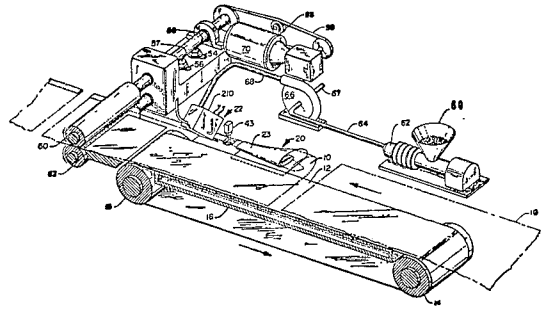
APPARATUS AND METHOD FOR SEAMING MATERIAL WITH HOT MELT ADHESIVE

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Continuation of abandoned application Ser. No. 231,844, Mar. 6, 1972. This application Jan. 9, 1974, Ser. No. 438,106

Int. Cl. B29c *27/10*
U.S. Cl. 156—202
4 Sheets Drawing. 16 Pages Specification

An apparatus and method for bonding plies of sheet material, especially fabric material, using a hot melt adhesive are disclosed. An in-line sequence of operations includes bringing a ply of sheet material into overlying, aligned position with another ply, applying a bead of hot melt adhesive to one of the plies at a position where the seam is desired, and finally pressing the plies together prior to solidification of the adhesive to cause the hot melt to partially penetrate the plies. Provision is made for quickly



and accurately beginning and terminating the bead of hot melt adhesive.

Sept. 3, 1974 R. M. ELLIOTT ET AL T926,010

APPARATUS AND METHOD FOR SEAMING MATERIAL WITH HOT MELT ADHESIVE

Original Filed March 6, 1972 4 Sheets-Sheet 1

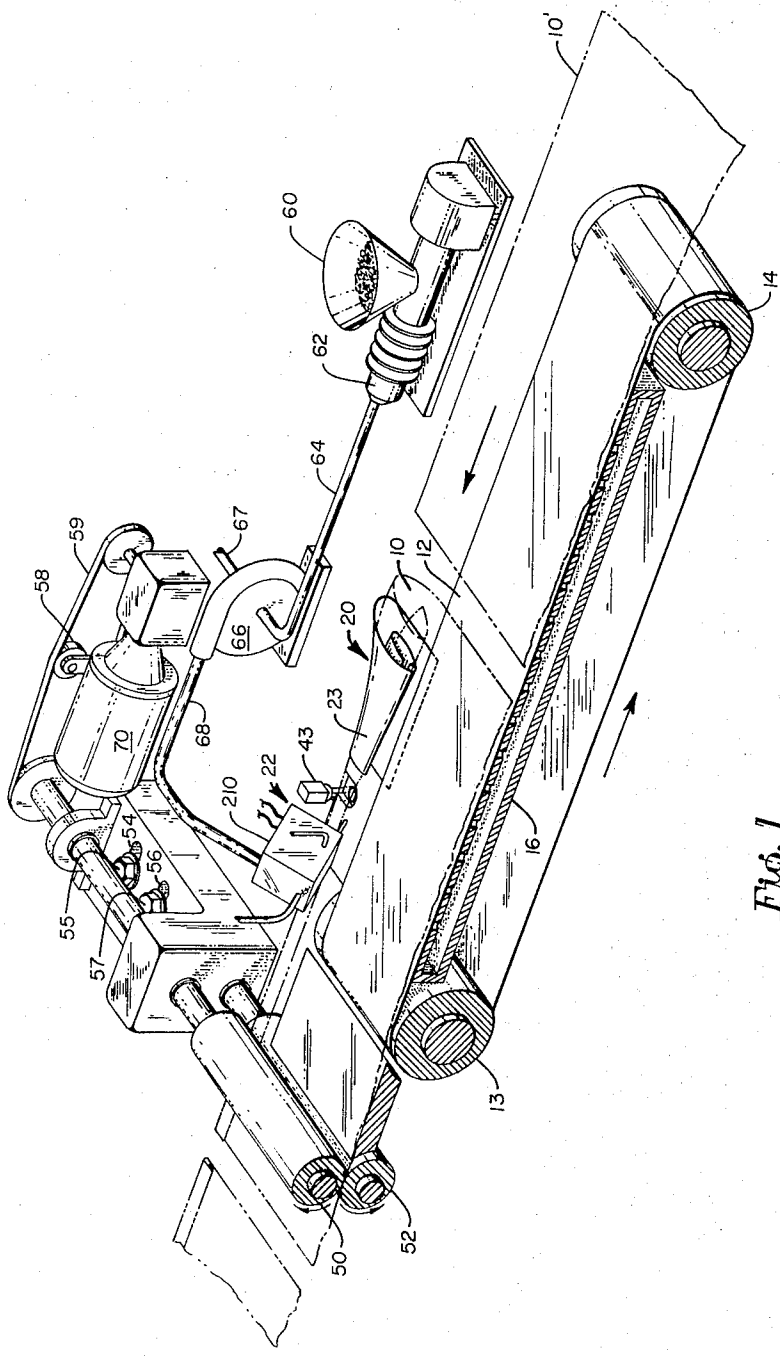


Fig. 1

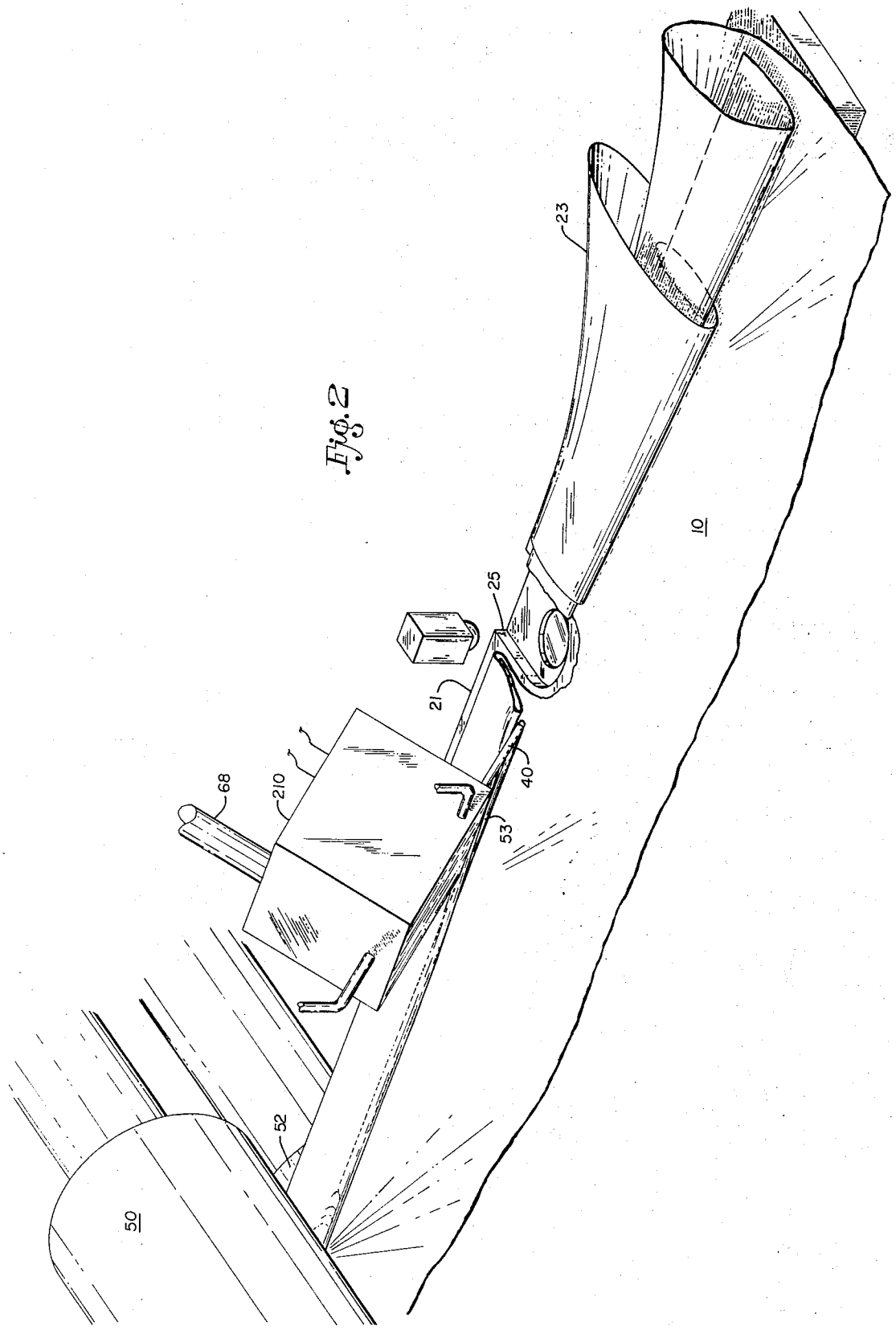


Fig. 2

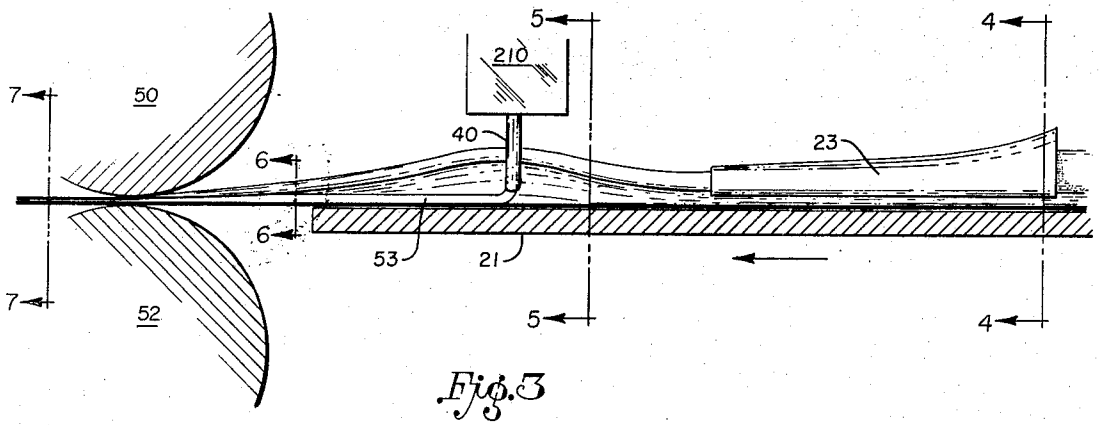


Fig. 3

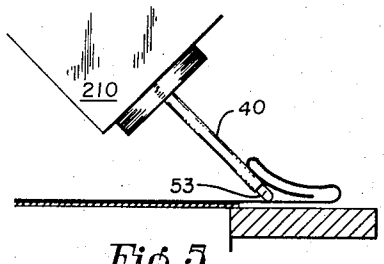


Fig. 5

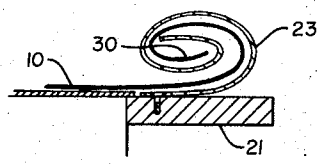


Fig. 4

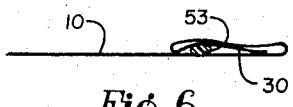


Fig. 6

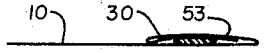


Fig. 7

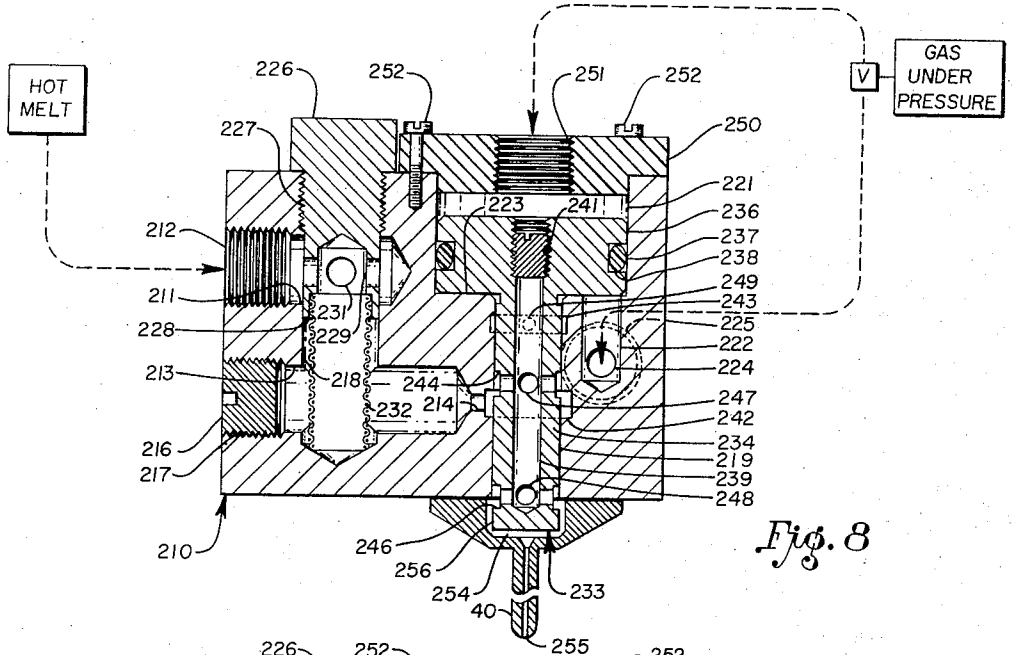

HOT MELT
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Fig. 8

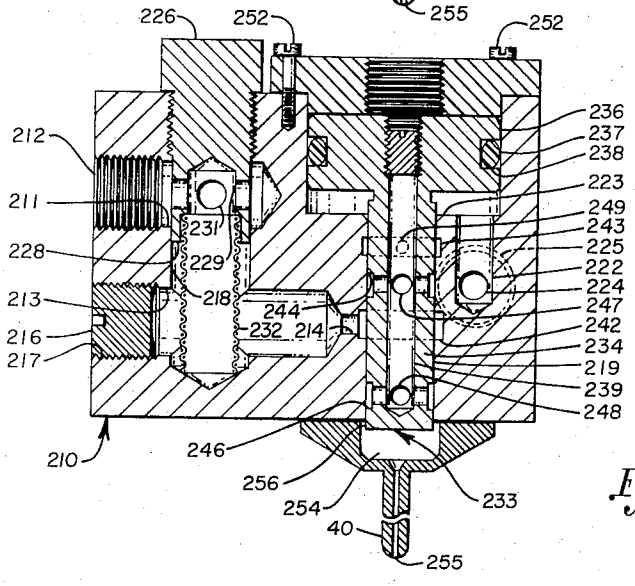

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Fig. 9