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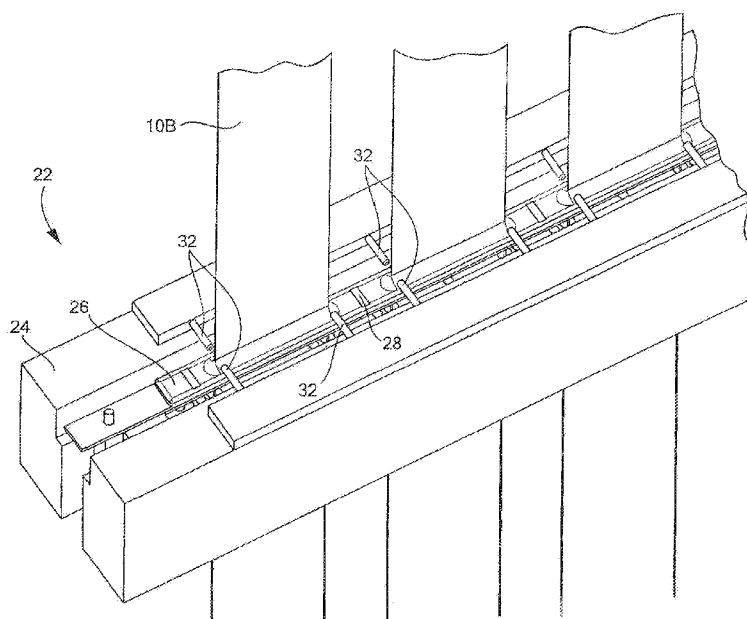


FIG. 4

(57) Abstract: A method of growing ribbon crystal provides a crucible containing molten material, and passes at least two strings through the molten material to produce a partially formed ribbon crystal. The method then directs a fluid to a given portion of the partially formed ribbon crystal to convectively cool the given portion.

WO 2008/150761 A1