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(54) Title: MICROCAVITY CARRIER BELT AND METHOD OF MANUFACTURE

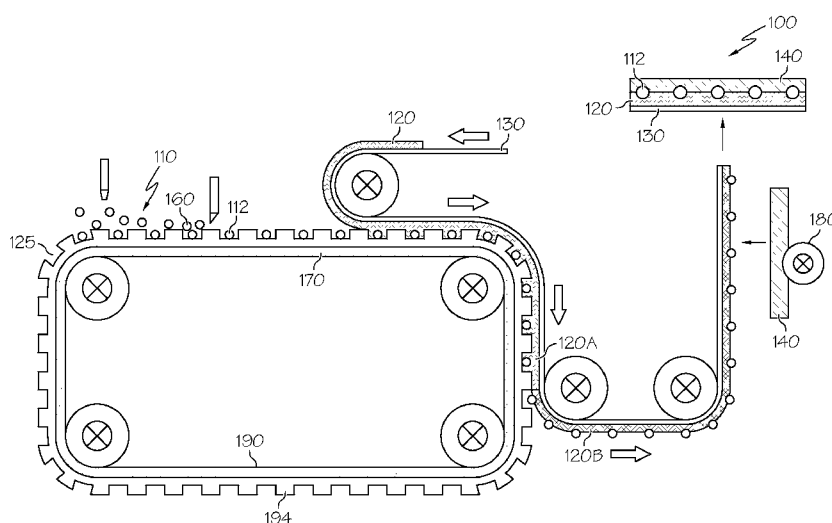


FIG. 1

(57) Abstract: A method for fabricating an electronic device or component such as an anisotropic conductive film comprising: distributing a plurality of conductive particles (112) into an array of microcavities (125) formed on a surface of a continuous carrier belt (190), rotating the belt carrying the conductive particles while conveying a surface of an adhesive layer (120) into contact with the surface of the rotating belt, transferring the conductive particles from the microcavities on the belt to the adhesive layer in predefined locations in the adhesive layer corresponding to the array of microcavities on the belt, and separating the adhesive layer from the surface of the belt. In one embodiment, the position of the microcavities is varied in a controlled manner.



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