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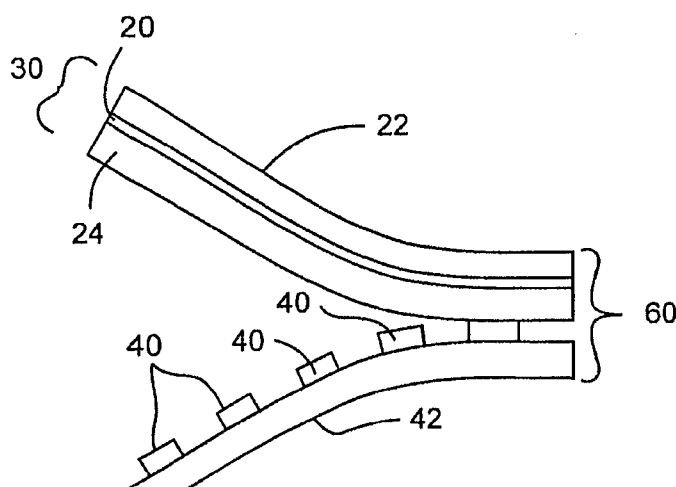
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(54) Title: METHOD AND MATERIAL FOR MANUFACTURING ELECTRICALLY CONDUCTIVE PATTERNS, INCLUDING RADIO FREQUENCY IDENTIFICATION (RFID) ANTENNAS



(57) Abstract: A method of making an electrically conductive patterned film (74), such as an RFID antenna, is disclosed. The method includes the steps of providing a layer of conductive metal (24) adjacent a layer of release coating (20); providing a patterned adhesive layer (40) adjacent a target substrate (42); contacting the layer of conductive metal (24) and the patterned adhesive layer (40), such that a corresponding portion (70) of the layer of conductive metal (24) contacts the patterned adhesive layer (40); and the patterned adhesive layer (40) stripping the corresponding portion (70) of the layer of conductive metal (24) from the release coating (20). The patterned adhesive layer (40) can be formed in the shape of an RFID antenna. An electrical component or a computer chip (80) can be directly applied to the layer of conductive metal (24). An RFID device, such as an RFID tag or label is also disclosed.