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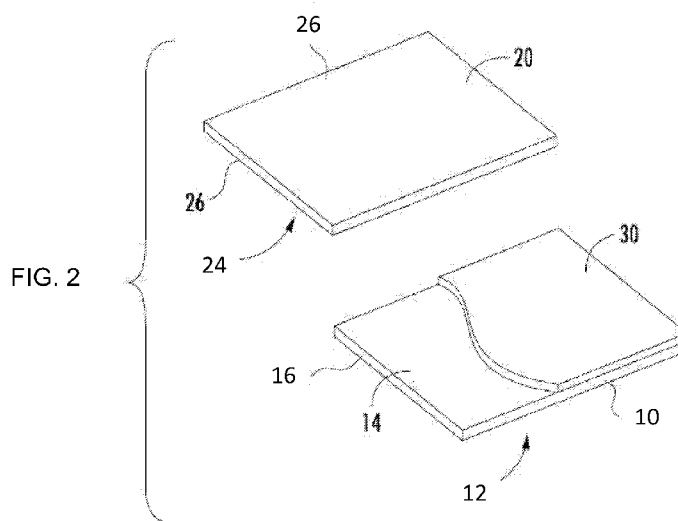
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(54) Title: TREATMENT OF A SURFACE MODIFICATION LAYER FOR CONTROLLED BONDING OF THIN SHEETS
 WITH CARRIERS



(57) Abstract: A method of controllably bonding a thin sheet to a carrier, wherein the thin sheet has a thin sheet bonding surface, and the carrier has a carrier bonding surface. Depositing a surface modification layer onto at least one of the thin sheet bonding surface and the carrier bonding surface so as to obtain a first surface energy on the one of the thin sheet bonding surface and the carrier bonding surface. Then, treating the surface modification layer so as to change the first surface energy to a second surface energy, wherein the second surface energy is greater than the first. And bonding the thin sheet bonding surface to the carrier bonding surface via the surface modification layer. Depositing the surface modification layer, and treating it, may be done by plasma polymerization processes.

