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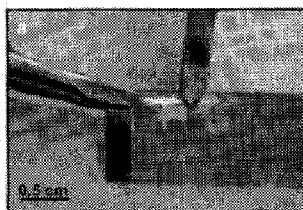


Figure 5A

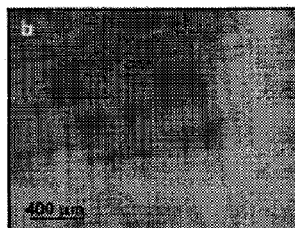


Figure 5B

(57) Abstract: The invention provides a process for forming highly ordered, conductive and transparent patterns on flexible heat-sensitive surfaces. The invention relates to sintering nanoparticles at room temperature. Patterning is done by a patterning device and the self-assembly of the nanoparticles.