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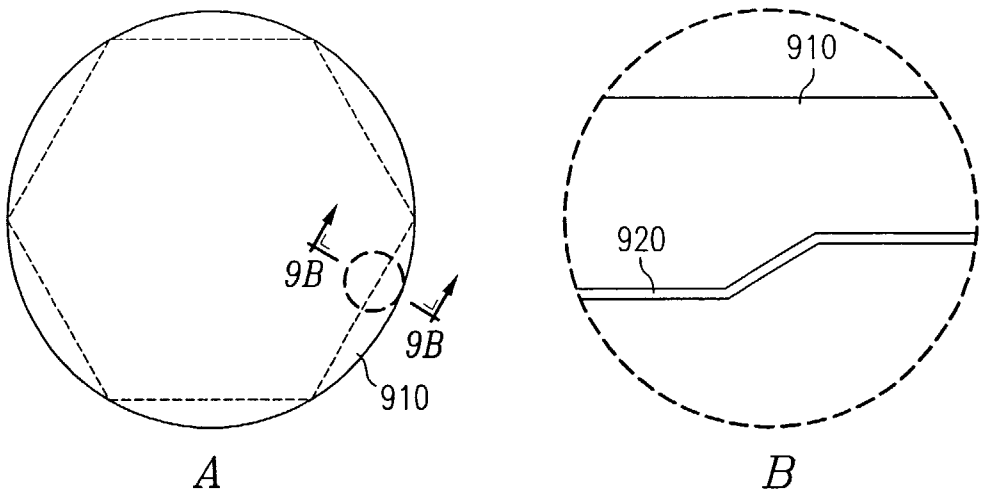
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(54) Title: APPARATUS FOR THE SYNTHESIS OF LAYERS, COATINGS OR FILMS



(57) Abstract: Systems and methods are described for synthesis of films, coatings or layers. An apparatus includes a first holder; a second holder coupled to the first holder; a linkage coupled to the first holder and the second holder to move the first holder relative to the second holder; a reusable tool 910, 1020, 1030 coupled to the first holder, the reusable tool 910, 1020, 1030 including a raised patterned surface; and a release layer 920 coupled to the raised patterned surface of the reusable tool 910, 1020, 1030.

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