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(54) Title: ABRASIVE ARTICLE WITH REPLICATED MICROSTRUCTURED BACKING AND METHOD OF USING SAME

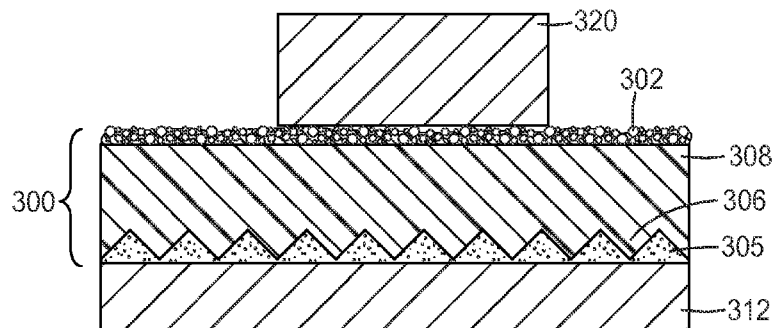


FIG. 3

(57) Abstract: An abrasive article is provided that includes a flexible backing having opposed first and second major surfaces. The first major surface includes a plurality of abrasive particles in at least one binder disposed thereon. The second major surface includes replicated microstructures having recesses. The abrasive article also includes adhesive contained substantially in the recesses of the replicated microstructures. A rigid substrate can be in contact with at least a portion of the replicated microstructures. Also provided is a method of polishing a work-piece that uses the provided articles.