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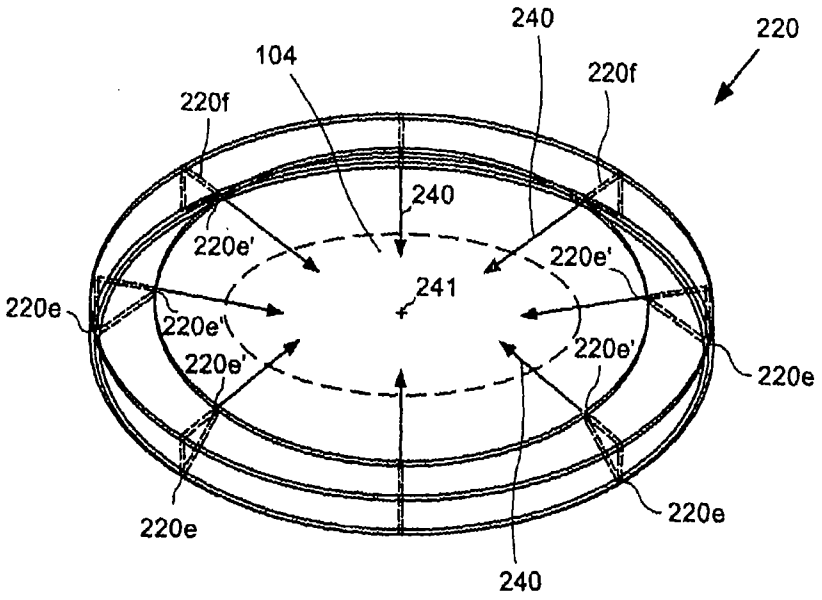
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(54) Title: FLUID DELIVERY RING AND METHODS FOR MAKING AND IMPLEMENTING THE SAME



(57) Abstract: A fluid delivery module for use in a substrate is provided. The fluid delivery module includes a process bowl designed to contain a substrate to be prepared. The process bowl has a bottom wall and a sidewall. The fluid delivery module further includes a fluid delivery ring configured to be attached to the sidewall of the process bowl. The fluid delivery ring includes a plurality of inlet and outlet pairs. Each of the plurality of inlet and outlet pairs is defined in the fluid ring and is designed to receive a respective supply tube. Each respective supply tube has an end that terminates at each of the outlets of the fluid delivery ring and is configured to direct fluid onto a surface of the substrate.

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