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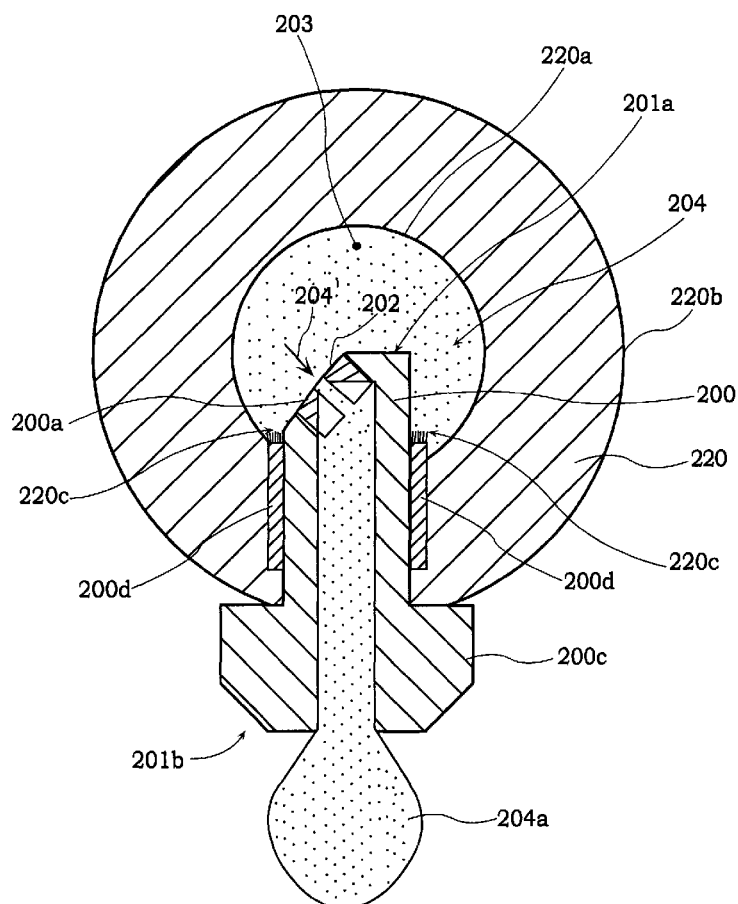
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(54) Title: DRIP MANIFOLD FOR UNIFORM CHEMICAL DELIVERY



(57) Abstract: A drip manifold having drip nozzles configured to form controlled droplets is provided for use in wafer cleaning systems. The drip manifold includes a plurality of drip nozzles that are secured to the drip manifold. Each of the plurality of drip nozzles has a passage defined between a first end and a second end. A sapphire orifice is defined within the passage and is located at the first end of the drip nozzle. The sapphire orifice is angled to produce a fluid stream that is reflected within the passage and toward the second end to form one or more uniform drops over a brush.

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