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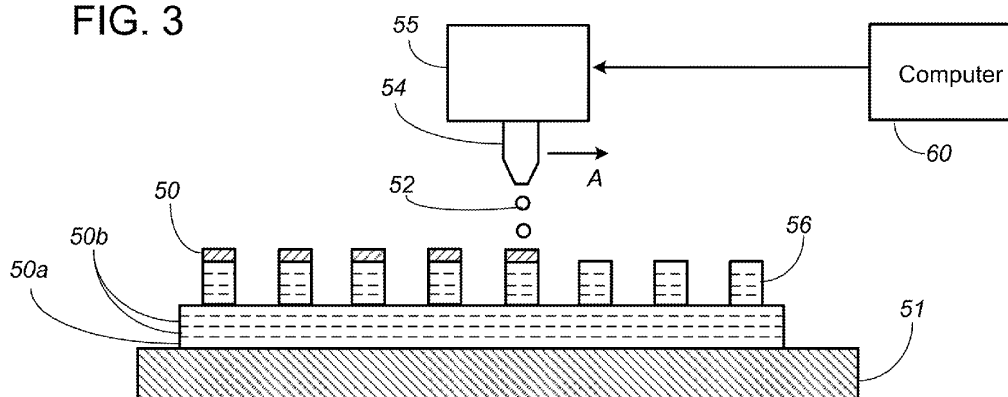
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FIG. 3



(57) Abstract: A formulation, system, and method for additive manufacturing of a polishing pad. The formulation includes monomer, dispersant, and nanoparticles. A method of preparing the formulation includes adding a dispersant that is a polyester derivative to monomer, adding metal-oxide nanoparticles to the monomer, and subjecting the monomer having the nanoparticles and dispersant to sonication to disperse the nanoparticles in the monomer.

[Continued on next page]

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