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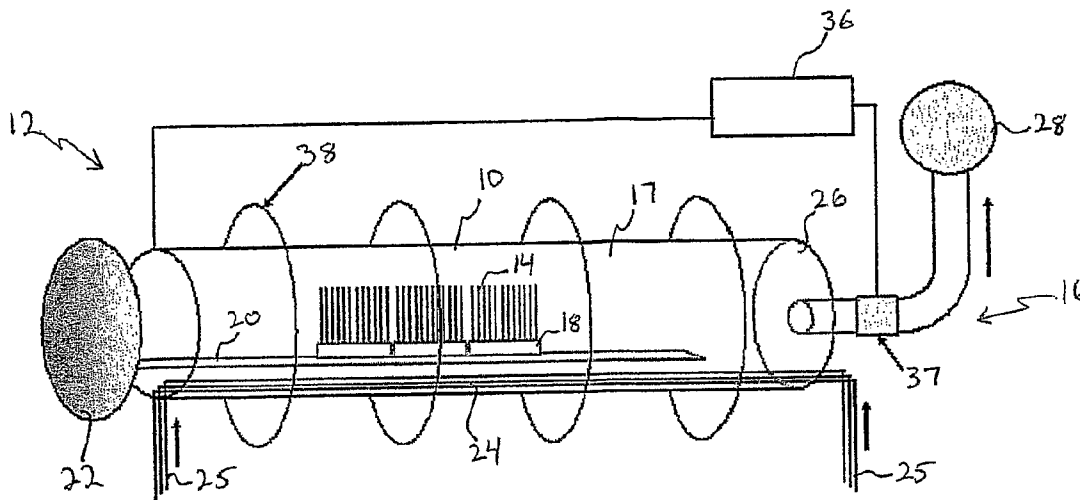
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(54) Title: SILICON CARBIDE AND OTHER FILMS AND METHOD OF DEPOSITION



(57) Abstract: A method of depositing a ceramic film, particularly a silicon carbide film, on a substrate is disclosed in which the residual stress, residual stress gradient, and resistivity are controlled. Also disclosed are substrates having a deposited film with these controlled properties and devices, particularly MEMS and NEMS devices, having substrates with films having these properties.

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