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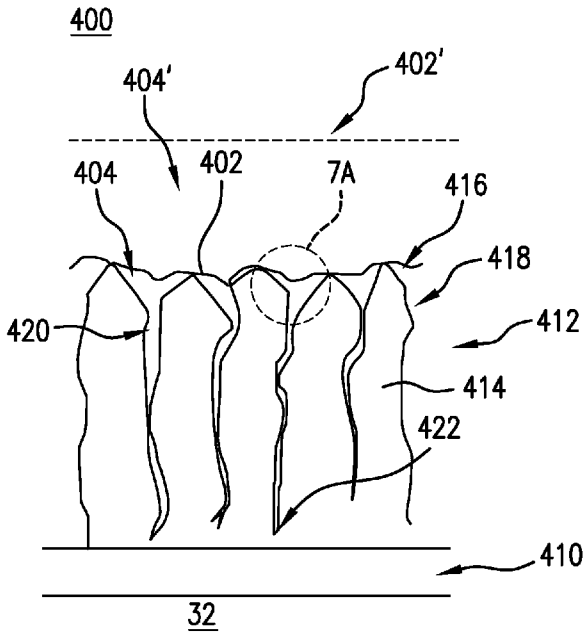
[Continued on next page]

(54) Title: CERAMIC COATING DEPOSITION



(57) Abstract: A ceramic material is applied to a part. The part is placed in a deposition chamber and a first electric potential is applied to the part. Components are evaporated for forming the material. The evaporated components are ionized. The first electric potential is modulated so as to draw the ionized component to the part. The modulation comprises maintaining at least an ion current density in a range of 2-1000 mA/cm2.

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