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(54) Title: CONDUCTIVE INKS WITH METALLO-ORGANIC MODIFIERS

(57) Abstract: A conductive ink having a glass frit, an organic medium a conductive species and one or more metallo- organic components which form metal oxides upon firing and reduce series resistance to a same or greater degree a ink that do not include metallo-organic components, is provided. Embodiments of conductive ink include metallo-organic components that include a bismuth metallo-organic component and glass frits comprising one or more of bismuth oxide, silica, boron oxide, tellurium dioxide, and combinations thereof. Embodiments of photovoltaic cells with an anti-reflection coating, gridlines formed from conductive ink incorporating one or more metallo-organic components, are also provided.



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