

GRAPHENE MATERIAL-METAL NANOCOMPOSITES AND PROCESSES OF MAKING AND USING SAME

Abstract

Graphene material-metal nanocomposites having a metal core with one or more graphene material layers disposed on the metal core. The nanocomposites may be formed by contacting metal nanowires and one or more graphene material and/or graphene material precursor in a dispersion. The nanocomposites may be used for form inks for coating or printing conductive elements or as conductors in various articles of manufacture. An article of manufacture may be an electrical device or an electronic device.

[NO FIG]