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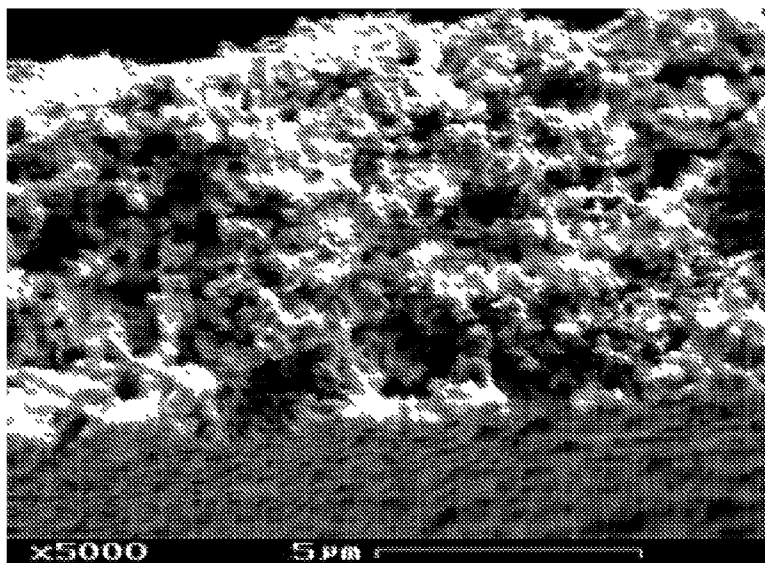
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[Continued on next page]

(54) Title: SHIELDING BASED ON METALLIC NANOPARTICLE COMPOSITIONS AND DEVICES AND METHODS THEREOF

Figure 1(C)



(57) Abstract: Disclosed are cohesive metallic structures, comprising sintered metallic nanoparticles, suitable for shielding against electromagnetic interference and radio frequency interference. Also disclosed are methods for forming such structures. Devices for shielding electromagnetic radiation and methods of shielding electromagnetic radiation using such devices are also provided.

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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) USPC - 428/402 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 428/402.403.847.6. \$;427/128, 130.131, \$ Search Terms Below Electronic daUt base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST (USPT. PGPB. EPAB, JPAB); google.com Search Terms Used: nano, nanoparticles, head, tail, ligand, metal, film, substrate, electromagnetic, shielding, sintered, sintering, sinter, sheet, resistance, resistivity, zinc, oxide, gold		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/0126338 A1 (Yadav) 16 June 2005 (16.06.2005) entire document, especially Abstract;	1-14, 50, 51
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Y	[0132]	15-49
Y	US 2007/0034833 A1 (Parce et al.) 15 February 2007 (15.02.2007) entire document, especially Abstract; paras [0036]; [0104]	15-49
D Further documents are listed in the continuation of Box C. D		
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