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- (71) Applicant (for all designated States except US):  
**ROGERS CORPORATION** [US/US]; One Technology Drive, Rogers, Connecticut 06263 (US).
- (72) Inventor; and  
(75) Inventor/Applicant (for US only): **SOONG, Sharon, Y.** [US/US]; 26 Grotto Avenue, Apt 2L, Providence, Rhode Island 02906 (US).
- (74) Agent: **PAGE, Blaine, A.**; Cantor Colburn LLP, 20 Church Street, 22nd Floor, Hartford, Connecticut 06103 (US).
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(54) Title: CONDUCTIVE POLYMER FOAMS, METHOD OF MANUFACTURE, AND USES THEREOF

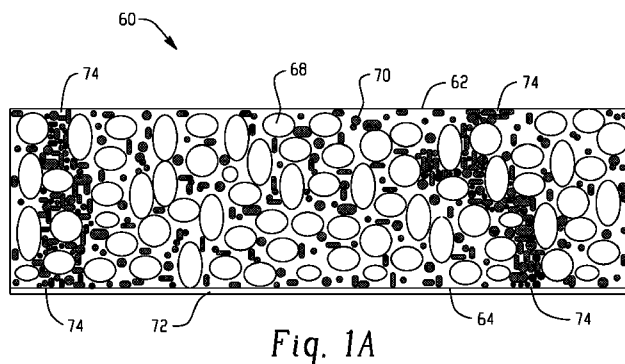


Fig. 1A

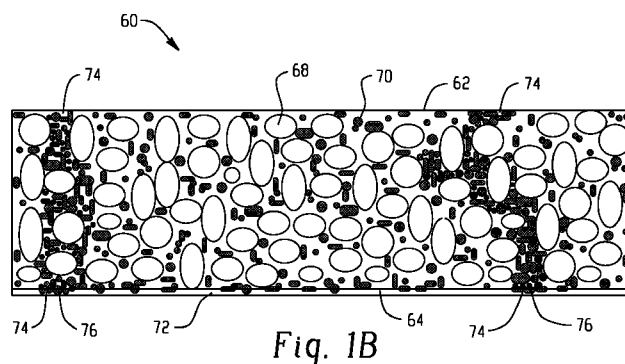


Fig. 1B

(57) Abstract: A polymer foam layer is disclosed, comprising a polymer foam and a plurality of electrically conductive particles dispersed within the polymer foam, polymer foam layer having an unabraded first surface and an opposite, second surface, wherein the electrically conductive particles essentially continuously span the polymer foam layer, and a portion of the electrically conductive particles are exposed at the first surface of the layer and another portion of the electrically conductive particles are exposed at the second surface. The foams are useful as gaskets for electromagnetic shielding, grounding pads, battery contact conductive spring elements, and the like.



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