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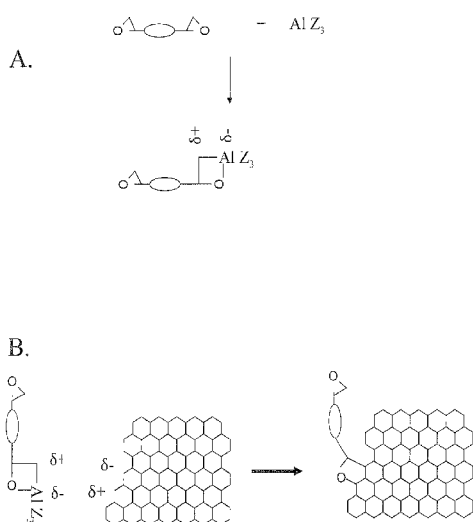
(54) **Title:** FUNCTIONALIZED GRAPHITIC MATERIALS

Fig. 3

(57) **Abstract:** One or more techniques are disclosed for a method of functionalizing graphitic material, comprising the steps of: 1) providing a graphitic material; 2) cutting the graphitic material; 3) providing a catalyst comprising at least one catalyst of a metal atom, metal cation, metal alcoholates, metal alkanoates, metal sulfonates, and metal powder; 4) providing a reagent; 5) binding the catalyst to the reagent; 6) binding the reagent to the graphitic material; and 7) recovering the catalyst. Also disclosed is a composition prepared from the methods described herein.