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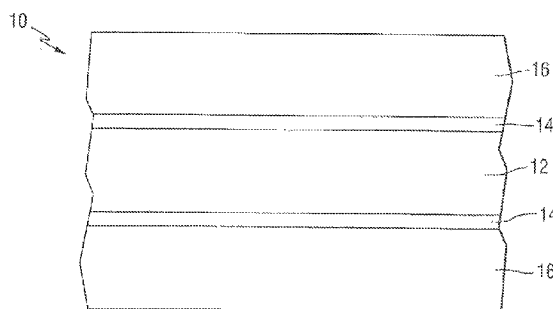


FIG. 2

(57) Abstract: Disclosed is a cathode (10) of a lithium-ion battery having a conductive substrate (12), a first layer (14) covering at least a portion of the conductive substrate (12) comprising a pretreatment composition comprising a Group 1MB and/or Group IV metal, and a second layer (16) covering at least a portion of the conductive substrate (12) and the first layer (14), the second layer (16) comprising a coating composition comprising a lithium-containing compound. Also disclosed is method for treating a battery cathode and a battery having the treated cathode.