

Three Major Graphene Battery Patent Assignees and Their Patent Deployment Strategies (pre-order)

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Abstracts

After Nobel Prize in Physics was given to the experiences regarding two-dimensional graphene materials in 2010, graphene has regained attention from the industry and academia. Due to excellent electrical conductivity, thermal conductivity, and thin form factor features of graphene, batteries have become one of the highly anticipated main applications for graphene. The graphene battery applications filing to the USPTO (United States Patent and Trade Office) has peaked over the years. This report provides an overview of graphene, analyzes graphene battery patent applications from three major assignees: Global Graphene Group, Samsung, Semiconductor Energy Laboratory, and looks into their patent deployment strategies.

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