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News

Graphene Supply Deal For Anti-Counterfeiting Tech

Written by STAFF REPORTER
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Australian technology minerals company, Talga Resources has signed a commercial supply and development agreement with Haydale for the production, marketing and sales of graphene based transparent conductive ink products for industrial applications in Asia.

Haydale will purchase Talga conductive materials to produce conductive inks to be used in Haydale's recently announced anti-counterfeiting 'PATit' product, which prints transparent codes onto packaging for the purpose of anti-counterfeiting surveillance and product tracking using mobile phone software.

This follows initial tests by Haydale demonstrating that Talga material can enhance the electrical conductivity of the inks by 15 per cent or more above synthetic graphite.

Talga and Haydale will also collaborate to further enhance the properties of graphene conductive ink and develop it for use in larger scale, high speed "Roll to Roll" printing.

In addition, the two companies will jointly develop new formulations of graphene conductive inks for emerging applications in the Asian packaging and whitegoods markets.

The term of the agreement is for an initial twelve-month period with the option of extension.

"We have been working with Talga for some time and our initial test results on our patent-pending transparent conductive ink have been very positive," Haydale CEO Ray Gibbs said.

"This exclusive agreement marks the next step in the commercialisation of that technology by creating the supply chain enabling the production of commercial quantities of our ink to meet anticipated demand from enquiries received from Asia and the EU."

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