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Nissan Chemical Industries, Ltd

Purchase of Patents and Expertise Related to Organic LED Materials from Solvay

Nissan Chemical Industries, Ltd (hereinafter “the Company”) announces that the Company has concluded an agreement with Belgian chemical company Solvay, for the purchase of patents and expertise for hole injection and hole transport materials for coating-type organic LED.

Going forward, applications of organic LED displays are expected to expand. While the current mainstay manufacturing method is based on a chemical vapor deposition process, the establishment of a mass manufacturing technique based on coating is considered promising for reducing manufacturing cost and addressing competitiveness for the manufacture of large-size products. Under such conditions, the Company has been working on research and development as well as market cultivation for materials related to coating-type organic LED.

Solvay’s hole-injection material, based on self-doped polythiophene, offers a superior performance in terms of the transparency of coated films, a low refraction, and the stable storage of ink. Such properties can be further improved by combining the material with the Company’s technologies.

The Company will accelerate the development and commercialization of materials related to coating-type organic LED by leveraging the technologies acquired pursuant to the agreement.

To learn about Solvay, please visit: www.solvay.com/en/about-solvay/