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株式会社 FOMM との共同で小型コンセプト EV テクノロジーを発表

～最先端テクノロジーが集まる世界最大の展示会「CES2019」に出展～



船井電機株式会社(本社：大阪府大東市、以下当社)は、2019年1月8日から11日まで、米国ネバダ州ラスベガスにて開催される CES 2019 で、電気自動車(以下、EV)のコンセプトスポーツカーを展示いたします。現在当社は、新しい発想の小型電気自動車を手掛ける株式会社 FOMM(本社：神奈川県川崎市、以下 FOMM)と2017年に資本業務提携を結び共同開発を進めています。当社の AV 技術、光学技術をベースにスピードメーターパネルやインフォテイメントパネルなどを搭載した FOMM コンセプトスポーツカーを当社のブースにて出展いたします。

FOMM は2013年に設立され、4人乗り小型 EV を研究開発しており独自のインホイールモーター技術を採用しています。東南アジア市場向けの EV を生産・販売を計画しています。

また、当社エレクトロニクス分野の技術及び製造で培ってきたモノづくり力は、将来の FOMM 小型 EV に搭載するパワーモジュール、プラスチック内装部品、各ディスプレイパネル、光学製品などへの技術・製造支援を提供できます。

当社のディスプレイ、カメラ、スピーカーの技術は、スピードメーターパネル、インフォテイメントパネル及びオーディオシステムに利用できます。特にディスプレイ関連では、コントラストの向上、輝度の制御、電力消費の最適化などを行うローカルディミング技術やドライバー視点の安全性を高める立体ディスプレイ技術を有しています。

また EV モーターに動力を供給するインバーターなどパワー系の開発にも取り組んでいます。

当社と FOMM は、2020 年に向けて革新的技術の創造を目指し、共同開発を進めて参ります。

(商標について)

全ての商標および著作権はそれぞれの所有者に帰属します。

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Funai and FOMM Business Alliance to Bring Compact Electric Car Technology to CES 2019

LAS VEGAS, January 3, 2019 – Following the 2017 announcement of the Funai Electric Co., Ltd. and FOMM Corporation business alliance, the two innovative technology companies will showcase the FOMM concept electric sports car with the latest from Funai in dashboard display and infotainment technology, which represent the future vision of the alliance. The compact electric car will be on display at the Funai pavilion at the Renaissance Hotel, Las Vegas, January 8-11, 2019.

Established in 2013 and headquartered in Kawasaki, Japan, FOMM Corporation conducts research and development on four-seat compact electric car. FOMM (ASIA) CO. LTD a subsidiary of FOMM Corporation in Thailand, plans to produce and sell the vehicles in the Southeast Asia market. FOMM's design utilizes in-wheel motor technology, which places motors inside each wheel of the car and reduces the need for additional parts. With this technology, assembly becomes quicker, easier and more cost-effective.

Funai, a leader in consumer electronics R&D and manufacturing of power modules, plastic interior parts, displays and light technologies, has proven itself essential to the production of the FOMM electric sports car and brings a high-level of expertise and innovation to the collaboration.

Utilizing the core principles from its current range of technology products including power modules, displays, audio components, Blu-ray players, cameras, televisions and more, Funai is well-positioned to provide engineering and manufacturing support to FOMM to create displays, sensor systems, inverters and other component technologies designed specifically for use in the electric vehicle.

Funai's innovative technology is planned for use throughout the electric car, from its headlight system, to the dashboard display and the inverter which powers the in-wheel motor.

Display Technologies

Funai's latest display, camera and speaker technologies are utilized most notably in the compact electric vehicle's dashboard meter panel, navigation and audio system with touch-screen display. All of

the components include local dimming for improved contrast, peak brightness and optimized power consumption. The electric car also features a heads-up display that improves safety by helping drivers keep their eyes on the road.

Projection Technologies

LIDAR, a laser detection system that is more accurate and reliable than radar, is used in the electric car's headlight system along with adaptive beam headlight technology, which scans the road ahead and automatically adjusts the headlights according to road conditions. Mirror light technology is integrated into the car's front end and is designed to scan the roadway then adapt the headlight position based on the position of the road (e.g. straight, hills, or curvy), oncoming traffic, as well as low-light/night-time driving or inclement weather conditions such as heavy-rain, snow, or fog.

FOMM will launch sales and marketing on the compact electric vehicle "FOMM ONE", which was announced at the 2018 Bangkok International Motor Show, in Thailand in February 2019. Funai and FOMM are advancing toward a goal of co-creating an innovative technology by 2020.

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About Funai Electric Co., Ltd.

Funai established in 1961, and headquartered in Osaka, Japan, is listed in the Tokyo Securities Exchange First Section (Ticker6839) as a leading manufacturer such as LCD TVs, DVDs/Blu-rays and related peripherals, and Printers etc. under FUNAI and other multiple brands in global consumer electronics markets. Funai is well known as a major Original Equipment Manufacturer (OEM) and Supplier, as well.

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