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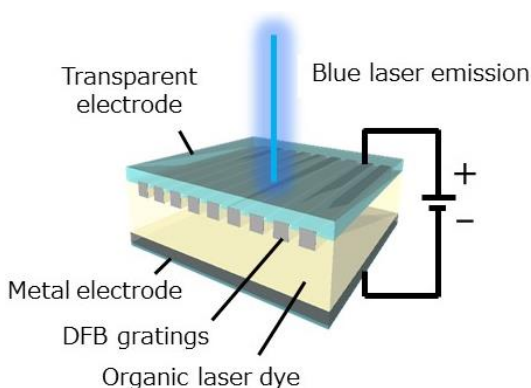
JMTC invests in KOALA Tech Inc.

Japan Material Technologies Corporation (JMTC; Head Office: Chuo-ku, Tokyo; CEO: Koyu Urata) is pleased to announce that JMTC has invested in KOALA Tech Inc. (KOALA Tech; Head Office: Fukuoka-shi, Fukuoka; President & CEO: Jean-Charles Maurice Ribierre), a company that develops, produces and sells organic semiconductor laser diodes.

KOALA Tech is a startup company founded in March 2019 and aims to commercialize organic semiconductor laser diodes which were developed by Professor Chihaya Adachi of the Center for Organic Photonics and Electronics Research at Kyushu University (Kyushu University OPERA).

At Kyushu University OPERA, basic technology for the world's first current excitation type organic semiconductor laser was successfully developed. This achievement was announced in APEX (Applied Physics Express) in 2019. The current excitation type organic semiconductor laser has promising features of being able to arbitrarily oscillate a wide range of wavelength from the visible range to the entire infrared range, which is difficult to realize with inorganic lasers. The laser is expected to be broadly applied to new areas such as optical transmission in the future as well as sensing and displays.

<Organic semiconductor laser diode developed by Kyushu University OPERA>



JMTC promotes capital participation in other startup material companies, such as investing in Algal Bio Co., Ltd. (microalgae) and in Meijo Nano Carbon Co., Ltd. (single-walled carbon nanotube). Through this investment in KOALA Tech, JMTC will intensify coordination and cooperation with KOALA Tech, contribute to the improvement of corporate values of KOALA Tech utilizing industry network and commercialization know-how of JMTC and deliberate on the creation of next-generation organic optical electronic material business using knowledge of KOALA Tech.

JMTC is a fabless startup company specializing in the field of materials chemistry such as organic materials, inorganic materials and biochemicals. The company is focused on the use of licensing agreements and carve-outs to commercialize innovative technology developed by Japanese corporations as well as universities and research institutions. JMTC will continue to partner and cooperate with relevant startup companies in the field of materials chemistry, including provision of seed money, and contribute to creating innovation in the materials industry in Japan.