

Denka Collaborates with U.S.-based Epicore Biosystems, Inc.,  
Aiming to Create a New Healthcare Business  
— Starting Verification for the Commercialization of Wearable Sweat Patch Sensors  
for the Japanese and Asian Markets —

Denka Company Limited (headquarters: Chuo-ku, Tokyo; president: Toshio Imai; hereinafter, “Denka”) announced that it has signed a partnership agreement with Epicore Biosystems, Inc. in the U.S. (headquarters: Cambridge, MA, the U.S.A.; CEO: Roozbeh Ghaffari; hereinafter, "Epicore"). Through the collaboration with Epicore, Denka will advance the development of wearable sweat patch sensors for the Japanese and Asian markets in cooperation with Epicore to shift marketing into high gear.

Epicore has an advanced wearable sensor technology that measures the amount of sweat, sweating rate, sodium chloride concentration in sweat, and other human's biological information from sweat and provides information required for good health such as how to hydrate. You can easily receive this measurement data through a dedicated smartphone app.

Denka will start marketing the device to the Japanese market first, looking ahead to mass-production at its production bases, while Epicore will research and develop patch sensors optimized for Japanese people together with Denka reflecting the results of Denka's marketing. Going forward, Denka will expand its business to the Asian market leveraging the expertise Denka will obtain in the Japanese market and also consider expansion into the healthcare field, including the prediction of heatstroke and dehydration and testing to prevent diseases.

With the aim of strengthening activities to create new businesses for the next generation and sustaining the development of existing businesses, Denka has reorganized its research and new business development structure across the company since April this year and established a new New Business Development division. Denka will actively promote open innovation with start-up companies which are expected to achieve synergy in the creation of new businesses that contributes to the realization of a sustainable society.

With the SDGs as its compass, Denka aims to be an irreplaceable company for society, creating a better world for all through work Denka can perform better than anybody.

<Outline of Epicore Biosystems, Inc.>

- Headquarters: Cambridge, MA, the U.S.A.
- Business overview: Development of wearable devices for healthcare
- Website: <https://www.epicorebiosystems.com/>



Please also see Our R&D Policy and Structure:

<https://www.denka.co.jp/rd/strategy/>

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