



August 17, 2020

Technology and Business Alliance with South8 Technologies, Inc.

Taiyo Nippon Sanso Corporation (“TNSC”) hereby announces a strategic technology/business alliance with South 8 Technologies, Inc. (“South8”), novel Liquefied Gas Electrolytes venture company based in California, US.

1. Background of the Technology/Business Alliance

TNSC is aiming to expand its technological portfolio and penetrate newly emerging and growing markets. In line with the medium-term management plan “Ortus Stage 2”, TNSC is very actively pursuing open innovation through collaboration in business and technological development with leading-edge venture companies. By combining our gas supply control and liquefied gas technology, the partnering with South8 technologies enables us to penetrate more deeply into the lithium battery market, which is one of the most focused segments in energy storage market.

South8 is delivering breakthrough energy storage solutions to advance a clean energy future through the use of novel Liquefied Gas Electrolytes “LiGas” for use in next generation rechargeable and primary lithium metal batteries and electrochemical capacitors. The LiGas technology will enable a wider operating temperature range of -80 to +60 °C, provides greater energy, and increases safety at a lower cost. Furthermore, South 8’s Liquefied Gas Electrolyte technology can be utilized for new energy storage technologies and serve the growing markets of all-weather grid storage, electric vehicles, and high-atmosphere drones.

TNSC teams up with South8 to mature the LiGas technology with TNSC’s experience and capabilities regarding handling and supplying of specialty gases. Moreover TNSC will also join forces to expand South8’s business in Japan, Asia, Europe and the USA through its existing channels by bundling gas supply with South 8’s technology.

2. Overview of South 8 Technologies, Inc.

Company name	: South 8 Technologies, Inc.
Headquarters	: California, US
Established	: 2015
Chief Executive Officer	: Cyrus Rustomji

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