

SUPERCONDUCTING CABLE AND LIQUEFIED NATURAL GAS TRANSPORTATION
SYSTEM

ABSTRACT

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A superconducting cable includes: an outer tube; an inner tube disposed inside the outer tube; a core portion which is disposed inside the inner tube and which includes a former and a superconducting member disposed on an outer periphery of the former; and a first heat insulating layer disposed on an outer periphery of the outer tube. An inside of the inner tube
10 is filled with a cooling medium, and a space formed between the outer tube and the inner tube is filled with a liquefied natural gas.

FIG 1