

**HEAT SPREADER, ELECTRONIC APPARATUS, AND HEAT SPREADER
MANUFACTURING METHOD**

Abstract of the Disclosure

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According to an embodiment of the present invention, there is provided a heat spreader including an evaporation portion, a first condenser portion, a working fluid, and a first flow path. The evaporation
10 portion is arranged in a first position. The first condenser portion is arranged in a second position, the second position being one of higher than and apart from the first position. The working fluid evaporates from a liquid phase to a gas phase in the evaporation
15 portion, and condenses from the gas phase to the liquid phase in the first condenser portion. The first flow path is made of a nanomaterial, has hydrophobicity on a surface, and causes the working fluid condensed to the liquid phase in the first condenser portion to flow to
20 the evaporation portion.

Fig. 4