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KIM et al.(10) **Pub. No.: US 2022/0386447 A1**(43) **Pub. Date: Dec. 1, 2022**(54) **HOME APPLIANCE AND HEAT SINK
INSTALLED THEREIN***F24C 15/00* (2006.01)*H05B 6/04* (2006.01)(71) Applicant: **LG ELECTRONICS INC.**, Seoul
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H05B 6/12 (2013.01)(72) Inventors: **Mijung KIM**, Seoul (KR); **Junghyeon
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A home appliance is provided that may include a first air flow path included in a heat sink, and a second air flow path defined at a lower side of the heat sink, such that air flows to inside and outside of the heat sink efficiently. A plurality of heat dissipation fins may protrude downward from a wall of the second air flow path, increasing a contact surface between the heat sink and air. A projection may be formed on at least one of the walls of the first air flow path, the walls of the second air flow path, an outer surface of the plurality of heat dissipation fins, or an upper surface of the heat sink.

