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(19) **United States**(12) **Patent Application Publication****Lau et al.**(10) **Pub. No.: US 2023/0232585 A1**(43) **Pub. Date:****Jul. 20, 2023**(54) **LIQUID DEFLECTOR FOR TWO-PHASE  
IMMERSION COOLING SYSTEM**(52) **U.S. Cl.**CPC ..... **H05K 7/203** (2013.01); **H05K 7/20318**  
(2013.01); **H05K 7/20327** (2013.01)(71) Applicant: **LIQUIDSTACK HOLDING B.V.**,  
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Capes**, Northborough, MA (US)(21) Appl. No.: **18/098,090**(22) Filed: **Jan. 17, 2023****Related U.S. Application Data**(60) Provisional application No. 63/299,961, filed on Jan.  
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**ABSTRACT**

A two-phase immersion cooling system may include an immersion tank configured to receive a dielectric fluid. The immersion tank may have an interior volume including a lower portion and an upper portion. The immersion tank may have an electronic device region configured to receive one or more electronic devices. The system may include a condenser mounted in the upper portion of the immersion tank. The system may include a liquid deflector located in the upper portion of the immersion tank and at least partially between a top side of the electronic device region and a top side of the condenser. The liquid deflector may be configured to prevent or inhibit dielectric liquid from splashing from the electronic device region onto the condenser. Other examples may be claimed or described.

