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COMPUTING SYSTEM***F16L 37/30* (2006.01)*H05K 7/14* (2006.01)(71) Applicant: **ZT Group Int'l, Inc. dba ZT Systems**(52) **U.S. Cl.**CPC *H05K 7/20772* (2013.01); *F16L 37/12*
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7/1489 (2013.01); *H05K 7/20772* (2013.01)(72) Inventors: **Chen An**, Bergenfield, NJ (US);
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ABSTRACT(73) Assignee: **ZT Group Int'l, Inc. dba ZT Systems**(21) Appl. No.: **18/149,202**(22) Filed: **Jan. 3, 2023****Publication Classification**(51) **Int. Cl.***H05K 7/20* (2006.01)*F16L 37/12* (2006.01)

A cam system for a liquid cooled computing unit with blind-mate quick disconnects include a cam and a cam guide. The cam guide is operable to engage with the cam. The cam guide includes a bearing guide and a fixed guide. The cam engages first with the bearing guide then engages with the fixed guide to a latched configuration. When the cam engages with the cam guide and transitions to the latched configuration, the cam translates a chassis of the computing unit along a longitudinal axis to blind-mate the quick disconnects.

