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UNIVERSITY at QATAR



Fast Charging of High Energy Li-ion Battery with Integrated Passive Thermal Management

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ABSTRACT:

JJENESJOSEDETJOSBOTPSBJPOEMEDSJJDBJPOBTDIBSJD
PJTIED ESJJPOCBESDBOIEVPCSEBISPTIECPMEDED
PJTJEETSEBEBEPJPOBJEDIBSJDPCBESDBBDJ
JJONJODTDPNNPOMSEESSEEBBTAJMMJDEBO
EESJDEDEDPMEESSBNBJDBMMSEEDIEEIJDMEEPOJNEBTMMBT
IEPESBMMCBESBDTJEBTADJBMMPMSMEEIJDMEREBETD
BTDIBSJDDBBCJMJBTCFEOMJNJEBRJTRESCBESJETPES
OBSSBPJDEPPESBJODPOEJJPOTBBEJESBNBSEBJOP
IECBESNBJDMEEPMJJNMBJBOEITBEDPODESOT

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Said Al-Hallaj is the Chief Battery Scientist of Beam Global company (Nasdaq: BEEM, BEEMW), Co-founder and CEO of AllCell Technologies LLC (recently acquired by Beam Global), Founder and CEO of NETenergy, a thermal energy storage company, and a Research Professor of Chemical Engineering at the University of Illinois at Chicago (UIC). Dr. Al-Hallaj earned his bachelor and master's degrees in chemical engineering from Jordan University of Science and Technology (JUST) and a Ph.D. in chemical engineering from the Illinois Institute of Technology (IIT). Said co-authored a book entitled "Hybrid Hydrogen Systems" and has published several book chapters and numerous numbers of peer reviewed and conference journal papers with >10,000 literature citations. Said is a serial entrepreneur, and his R&D effort has led to the successful commercialization of several clean-tech technologies.