

Netlist Awarded New Patent For High-Speed RDIMM And LRDIMM Memory Modules

January 31, 2017

IRVINE, Calif., Jan. 31, 2017 /PRNewswire/ -- Netlist, Inc. (NASDAQ: NLST), announced the recent issuance of U.S. Patent No. 9,535,623 (the '623 patent) relating to memory modules capable of handshaking with a memory controller of a host system. The '623 patent is related to U.S. Patent No. 8,489,837, which is one of six patents Netlist asserted last year against SK hynix RDIMM and LRDIMM enterprise memory products in the U.S. International Trade Commission (ITC) and the U.S. District Court for the Central District of California.



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The '623 patent covers various handshaking technologies that are particularly effective when setting the proper timing for DDR4 RDIMM and LRDIMM memory modules, an important and difficult challenge given the speed of the memory channel. The technologies covered by the '837 and '623 patents, as well as many other fundamental innovations were created by Netlist engineers in the course of developing Netlist's innovative memory module architectures. The industry adopted many of Netlist's patented solutions years later as it struggled to address similar technical challenges in DDR4 RDIMM and LRDIMM products.

"We are pleased that the U.S. Patent Office continues to validate the ground-breaking nature of HyperCloud and the many innovations developed by our engineers in the course of that product development," said Noel Whitley, Vice President of Intellectual Property (IP) and Licensing of Netlist. "We remain focused on creating innovative new products like HybriDIMM™ which leverage the IP we have developed during the past decade."

About Netlist, Inc.

Netlist creates solutions that accelerate turning raw data into business insight. The company produces next generation persistent memory solutions that enable businesses to transact quicker, gain insight faster and reduce datacenter cost. Flagship products NVvault® and EXPRESSvault® accelerate system performance and provide mission critical fault tolerance. HybriDIMM™, Netlist's next-generation Storage Class Memory, lowers cost and improves performance of big data analytics and in-memory computing. The company holds a portfolio of patents, many seminal, in

the area of hybrid memory, storage class memory, rank multiplication and load-reduction, among others. Netlist is part of the Russell Microcap® Index. To learn more, visit www.netlist.com.

Safe Harbor Statement:

This news release contains forward-looking statements regarding future events and the future performance of Netlist. A forward-looking statement is neither a prediction nor a guarantee of future events or circumstances and is based on currently available market, operating, financial and competitive information and assumptions. Forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those expected or projected, including, among others, risks associated with the launch and commercial success of our products, programs and technologies; the success of product, joint development and licensing partnerships; continuing development, qualification and volume production of HybriDIMM™, as well as our other products and technologies; the rapidly-changing nature of technology in our industry; risks associated with intellectual property, including patent infringement litigation initiated by us or by others against us as well as the costs and unpredictability of litigation over infringement of our intellectual property; volatility in the pricing of DRAM ICs and NAND flash; changes in and uncertainty of customer acceptance of, and demand for, our existing products and products under development, including predictions about the size of the market for our products; delays in our and our customers' product releases and development; introductions of new products by competitors; changes in end-user demand for technology solutions; and general economic and market conditions. Other risks and uncertainties are described in our annual report on Form 10-K filed on March 4, 2016, and subsequent filings with the U.S. Securities and Exchange Commission we make from time to time, including the preliminary prospectus supplement that we filed in connection with the proposed offering. Except as required by law, we undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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