

United States And China Patent And Trademark Offices Issue New LRDIMM And Hybrid Memory Patents To Netlist

February 3, 2016

IRVINE, Calif., Feb. 3, 2016 /PRNewswire/ -- Netlist, Inc. (NASDAQ: NLST), announced today the issuance of U.S. Patent Number. 9,128,632 (the '632) and corresponding Chinese patent (CN 102576565) relating to signal timing in Netlist's distributed buffer architecture and U.S. Patent Number 9,158,684 (the '684) relating to the architecture of hybrid memory devices.



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The signal timing in the distributed buffer architecture claimed in the '632 was invented by Netlist and incorporated into its HyperCloud® product at DDR3 and then, years later, adopted by the broader industry for DDR4 LRDIMM. Netlist holds seminal patents covering this architecture including U.S. Pat. No. 8,516,185, which in 2015, prevailed against multiple Inter Partes Review (IPR) petitions from SanDisk and Smart Modular challenging its validity. The State Intellectual Property Office of the PRC has also granted Netlist's corresponding Chinese patent (CN 102576565) on the distributed buffer architecture, and related patent applications are currently pending in other foreign patent offices.

The '684 patent adds to a growing list of fundamental hybrid memory patents, including U.S. Patent Numbers 8,301,833, and 8,516,187, both of which also prevailed against multiple IPR petitions from SanDisk and Smart Modular last year. Netlist's hybrid memory portfolio arose out of the development of its NVvault™ technology nearly a decade ago - years ahead of the industry. Today this technology broadly covers the design of Non-Volatile DIMMs (NVDIMMs), such as the NVvault®, ULLtraDIMM, and Netlist's next-generation Storage Class Memory product HyperVault®.

"Netlist's ground-breaking innovation over the years has made possible some of the most promising products in the memory business in terms of their potential for growth and profitability," said Netlist Vice President of Intellectual Property and Licensing, Noel Whitley. "This track record of innovation is reflected in the strength and breadth of our patent portfolio. We will continue to

leverage our intellectual property for our products business, as well as to capture additional licensing opportunities in areas such as LRDIMM, High Bandwidth Memory (HBM), and SSDs."

About Netlist, Inc.

Netlist creates solutions that accelerate turning data into information. We design and manufacture controller and software-based memory solutions for our OEM and Hyperscale customers in the server and storage space. Flagship products NVvault® and EXPRESSvault™ accelerate system performance and provide mission critical fault tolerance. HyperVault®, Netlist's next-generation architecture, expands the performance and capacity of memory channel storage. The company holds a portfolio of patents, many seminal, in the area of hybrid memory, rank multiplication and load-reduction, among others. 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. These forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those expected or projected. These risks and uncertainties include, but are not limited to, our ability to regain compliance with NASDAQ listing rules, risks associated with the launch and commercial success of our products, programs and technologies; our capital resources; the success of product partnerships; continuing development, qualification and volume production of HyperVault™, EXPRESSvault™, NVvault®, HyperCloud® and VLP Planar-X RDIMM; the timing and magnitude of the decrease in sales; our ability to leverage our NVvault® and EXPRESSvault™ technology in a more diverse customer base; the rapidly-changing nature of technology; risks associated with intellectual property, including risks associated with the inherent uncertainty of the litigation process; patent infringement litigation against us as well as the costs and unpredictability of litigation over infringement of our intellectual property and the possibility of our patents being reexamined by the United States Patent and Trademark office; volatility in the pricing of DRAM ICs and NAND; changes in and uncertainty of customer acceptance of, and demand for, our existing products and products under development, including uncertainty of and/or delays in product orders and product qualifications; delays in the Company's and its customers' product releases and development; introductions of new products by competitors; changes in end-user demand for technology solutions; the Company's ability to attract and retain skilled personnel; the Company's reliance on suppliers of critical components and vendors in the supply chain; fluctuations in the market price of critical components; evolving industry standards; and the political and regulatory environment in the People's Republic of China. Other risks and uncertainties are described in the Company's annual report on Form 10-K filed on March 27, 2015, and subsequent filings with the U.S. Securities and Exchange Commission made by the Company from time to time. Except as required by law, Netlist undertakes 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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