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**JADOO POWER AND MILLENNIUM CELL TO DEVELOP
SECOND GENERATION POWER SYSTEM FOR U.S. MILITARY**
~ Jadoo Power Selects Millennium Cell as Subcontractor to SOCOM Program ~

Eatontown, NJ—July 26, 2006—Millennium Cell Inc. (NASDAQ: MCEL), a leading developer of hydrogen battery technology, announced today that Jadoo Power, a licensee of the company's Hydrogen on Demand® technology, has selected Millennium Cell as a subcontractor under a recent program funded by the U.S. Military.

The new program is a follow-on effort to a September 2005 announcement regarding Jadoo's IFS24 power system designed to move soldier power from legacy battery solutions to advanced fuel cell technologies. The program focuses on the development of an alternative fuel solution based on Millennium Cell's sodium borohydride technology and Jadoo's N-Stor intelligent digital fuel interface. Initially, the IFS24 was powered by a metal hydride fuel canister storage technology. The new fuel canister, to be delivered in 2007, will be significantly lighter than the metal hydride solution and will feature a disposable cartridge offering users increased flexibility and convenience at a lower price point.

The two companies entered into a strategic licensing agreement in February 2006, providing a framework for the development of a chemical hydride N-Stor fuel canister for use with Jadoo's N-Gen and IFS24 products. This is the first military program on which the two companies have chosen to collaborate; efforts are under way to develop similar fuel canisters for use in commercial applications.

Jadoo is the leading supplier of portable fuel cell power systems to such markets as law enforcement and first responders, where battery backup and support are critical. In addition, Jadoo is selling their fuel cell products in battery replacement markets such as professional broadcast video and military. Millennium Cell's Hydrogen on Demand® technology provides Jadoo with a high energy density, safe and cost-effective fuel solution to complement their existing line of fuel cell power units. Jadoo's approach of using a standard N-Stor interconnect on all of their fuel storage canisters will allow the new cartridges to be compatible with all of Jadoo's existing fuel cell power products.

"We are excited to integrate our hydrogen storage technology with the innovative Jadoo Power N-Stor fuel interface. This solution will provide the military with a longer lasting, lower weight power source," said Adam Briggs, Millennium Cell President. "We look forward to pursuing additional military and commercial opportunities in order to fund the development of even higher performance fuel systems for Jadoo's products."

"Flexibility through standards is what consumers want," said Larry Bawden, President and CEO, Jadoo Power. "By leveraging the N-Stor digital intelligent interface, we are able to offer fuel options like the Millennium Cell Hydrogen on Demand® without requiring customers to learn anything new. They use the product the same way as all N-Stors are used, but have a fuel option now that can deliver efficiencies 4X the levels of current battery technologies."

About Millennium Cell

Millennium Cell develops hydrogen battery technology through a patented chemical process that safely stores and delivers hydrogen energy to power portable devices. The borohydride-based technology can be scaled to fit any application requiring high energy density for a long run time in a compact space. The Company is working with market partners to meet demand for its patented process in four areas: military, medical, industrial and consumer electronics. For more information, visit <http://www.millenniumcell.com>.

About Jadoo Power Systems

Jadoo Power Systems, located in Folsom, CA, designs, develops and sells next-generation portable energy storage and power generation products that utilize proton exchange membrane (PEM) fuel cells. Jadoo's fuel cell solutions provide power for applications ranging from surveillance systems that protect our homeland, to back-up alternatives to batteries for first responders. Jadoo is financed by Mohr Davidow Ventures, Venrock Associates and Sinclair Ventures, a wholly owned subsidiary of Sinclair Broadcast Group, Inc. For more information, visit <http://www.jadoopower.com>.

Cautionary Note Regarding Forward-looking Statements:

This press release may include statements that are not historical facts and are considered "forward-looking" within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements reflect Millennium Cell's current views about future events and financial performance and are subject to risks. Forward-looking statements are identified by their use of terms and phrases such as "believe," "expect," "plan," "anticipate," "on target" and similar expressions identifying forward-looking statements. Investors should not rely on forward-looking statements because they are subject to a variety of risks, uncertainties and other factors, many of which are outside of our control, that could cause actual results to differ materially from Millennium Cell's expectations, and Millennium Cell expressly does not undertake any duty to update forward-looking statements. These factors include, but are not limited to, the following: (i) the cost and timing of development and market acceptance of Millennium Cell's hydrogen fuel storage and delivery system; (ii) the cost and commercial availability of the quantities of raw materials required by the hydrogen fuel storage and delivery systems; (iii) competition from current, improving and alternative power technologies; (iv) Millennium Cell's ability to raise capital at the times, in the amounts and at the costs and terms that are acceptable to fund the development and commercialization of its hydrogen fuel storage and delivery system and its business plan; (v) Millennium Cell's ability to protect its intellectual property; (vi) Millennium Cell's ability to achieve budgeted revenue and expense amounts; (vii) Millennium Cell's ability to generate revenues from the sale or license of, or provision of services related to, its technology; (viii) Millennium Cell's ability to form strategic alliances or partnerships to help promote our technology and achieve market acceptance; (ix) Millennium Cell's ability to generate design, engineering or management services revenue opportunities in the hydrogen generation or fuel cell markets; (x) Millennium Cell's ability to secure government funding of its research and development and technology demonstration projects; and (xi) other factors discussed under the caption "Investment Considerations" in Millennium Cell's Annual Report on Form 10-K for the year ended December 31, 2005.

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