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Clean Diesel Technologies Licenses Patented ARIS(r) Technology to Eaton Corporation for Advanced Vehicle Emission Control Systems

BRIDGEPORT, Conn., Jan 7, 2009 (GlobeNewswire via COMTEX News Network) -- Clean Diesel Technologies, Inc. (Nasdaq:CDTI) (XETRA:CDIA) (AIM:CDT), the clean technology emissions reduction company and Eaton Corporation (NYSE:ETN) today announced they have entered into a global non-exclusive licensing agreement. Under the agreement, Eaton will use Clean Diesel's patented Advanced Reagent Injector System (ARIS(r)) technology for injection of hydrocarbon fuel in emissions reduction applications, including Eaton's Aftertreatment System. This technology can also be applied to regeneration of diesel particulate filters and lean NOx traps in various global applications.

Both Eaton's innovative Aftertreatment and fuel dosing systems have worldwide application for reducing NOx and particulate matter (PM) emissions from diesel engines. NOx and PM are a significant health hazard and are estimated by the Environmental Protection Agency (EPA) to cause 20,000 premature deaths annually in America. Children, the elderly and those with pre-existing health conditions, such as asthma are especially at risk. These systems can be used for on-road, off-road and stationary applications, with a combined global market size of new medium-duty and higher engines exceeding 7 million per year. Eaton is targeting NOx and PM control technologies for production in 2011 and beyond in various applications.

Eaton's unique Aftertreatment System does not require the use of additional urea for NOx reduction. It is an integrated system that effectively meets the EPA and international regulation requirements without the on-vehicle storage, replenishment and infrastructure a urea-based system requires. For example, EPA regulations require that all new 2010 on-road engines comply with increasingly strict NOx and PM standards.

Clean Diesel's ARIS technology is designed for use in all types of combustion engines. Its key advantages include the use of a single emissions reduction fluid to provide injector cooling and the fact that it is easier to manufacture, install and operate than compressed air systems.

Dimitri Kazarinoff, general manager for Emerging Technologies and Business Development at Eaton, said: "We are excited to enter this licensing agreement with Clean Diesel. It provides access to a key technology, which helps us provide system based solutions to reduce NOx and PM, hence making significant contributions toward emissions reduction and sustainability. We are working with numerous global OEMs to provide them with NOx and PM emission reduction solutions."

Dr. Bernhard Steiner, Chief Executive Officer of Clean Diesel, said: "We are delighted with the use of our ARIS airless return-flow technology in this application. ARIS technology is more commonly associated with selective catalytic reduction (SCR) systems based on urea injection; Eaton's use of hydrocarbon injection underscores the broad applicability of our ARIS technology."

"Eaton has taken two NOx-reducing technologies and packaged them into a system where they can work together, taking advantage of several catalytic reactions to reduce harmful emissions," Dr. Steiner added. "We are pleased to provide a key technology that will help reduce global emissions and that supports Eaton's commitment to environmental sustainability."

Vishal Singh, manager for Eaton's Aftertreatment business unit, said: "Eaton's versatile solution makes use of diesel or fuels from renewable resources to meet emission standards without the logistical and cost-related issues associated with on-board urea storage and wide-scale urea distribution. Clean Diesel's patented technology, when combined with our own in this unique way, will enable our customers to benefit from an aftertreatment system that is simple yet effective in significantly reducing PM and NOx emissions. This technology license strengthens our portfolio and combined with our own technology provides our global customers with more technical solutions to meet the strict upcoming diesel engine emissions standards worldwide."

Hydrocarbon injection is an important and growing technology for diesel particulate filter regeneration applications, as well as for NOx absorbers and NOx conversion catalysts. Clean Diesel supplies patented technology enabling both urea-based and alternative SCR solutions for fuel-efficient emission control.

About Clean Diesel Technologies

Clean Diesel Technologies (Nasdaq:CDTI) is a cleantech company providing sustainable solutions to reduce emissions, increase energy efficiency and lower the carbon intensity of on- and off-road engine applications. Clean Diesel's patented

technologies and products allow manufacturers and operators to comply with increasingly strict regulatory emissions and air quality standards, while also improving fuel economy and power. The company's solutions, which are in commercial use worldwide, significantly reduce emissions formed by the combustion of fossil fuels and biofuels, including particulate matter (PM), nitrogen oxides (NOx), carbon monoxide and hydrocarbons. Clean Diesel solutions also reduce carbon dioxide (CO2) emissions, a key greenhouse gas associated with global climate change.

Clean Diesel develops and manages intellectual property from original concept to full-scale commercial deployment. Its offerings include ARIS(r) Selective Catalytic Reduction (SCR); the patented combination of SCR and Exhaust Gas Recirculation; hydrocarbon injection for emissions control applications; Platinum Plus(r) Fuel-Borne Catalyst (FBC); the Purifier (tm) family of particulate filter systems; and its Wire Mesh Filter particulate filter technologies. The company was founded in 1995 and is headquartered in Stamford, Connecticut. A wholly owned subsidiary, Clean Diesel International, LLC, is based in London, England. For more information, please visit www.cdti.com.

The Clean Diesel Technologies, Inc. logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=5742>

About Eaton

Eaton Corporation is a diversified power management company with 2007 sales of \$13 billion. Eaton is a global technology leader in electrical systems for power quality, distribution and control; hydraulics components, systems and services for industrial and mobile equipment; aerospace fuel, hydraulics and pneumatic systems for commercial and military use; and truck and automotive drivetrain and powertrain systems for performance, fuel economy and safety. Eaton has 82,000 employees and sells products to customers in more than 150 countries. For more information, visit www.eaton.com.

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