



For Immediate Release

**TSX-V: CST**

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**CO<sub>2</sub> Solutions Granted Additional Canadian Patent for CO<sub>2</sub> Capture**

***Patent for advanced enzyme management provides opportunities where carbon dioxide is sequestered or utilized for Enhanced Oil Recovery***

**Quebec City, Quebec, October 30, 2012** – CO<sub>2</sub> Solutions Inc. (TSX-V: CST), an innovator in the field of enzyme-enabled carbon capture technology, announced today that it has been granted Canadian patent 2,738,061, “PROCESS FOR CO<sub>2</sub> CAPTURE USING MICRO-PARTICLES COMPRISING BIOCATALYSTS”. The patent covers the use of a biocatalyst, including the enzyme carbonic anhydrase, for the efficient capture of carbon dioxide where the biocatalyst is attached to, or enclosed in a small particle support.

Primary applications of the patent include high temperature CO<sub>2</sub> capture and production processes and mineral carbonation opportunities where the biocatalyst may be retained in the CO<sub>2</sub> absorption phase to reduce denaturation and losses in the mineral material, respectively. The company believes that the patent may have significant potential for application in the Alberta oil sands, an area of current opportunity for CO<sub>2</sub> Solutions, where pure CO<sub>2</sub> can be produced at high process temperatures for Enhanced Oil Recovery or geologic sequestration. The patent may be viewed at [http://brevets-patents.ic.gc.ca/opic-cipo/cpd/eng/patent/2738061/summary.html?type=number\\_search](http://brevets-patents.ic.gc.ca/opic-cipo/cpd/eng/patent/2738061/summary.html?type=number_search)

“We are very pleased to receive this patent which provides a process option in a number of large industry applications, including in oil and gas production,” stated Glenn Kelly, President and CEO of CO<sub>2</sub> Solutions. “It further strengthens our already significant intellectual property in Canada and adds important value to our technology scale-up and commercialization program.”

**About CO<sub>2</sub> Solutions Inc.**

CO<sub>2</sub> Solutions is an innovator in the field of enzyme-enabled carbon capture and has been actively working to develop and commercialize the technology for stationary sources of carbon pollution. CO<sub>2</sub> Solutions’ technology lowers the cost barrier to Carbon Capture, Sequestration and Utilization (CCSU), positioning it as a viable CO<sub>2</sub> mitigation tool, as well as enabling industry to derive profitable new products from these emissions. CO<sub>2</sub> Solutions has built an extensive patent portfolio covering the use of carbonic anhydrase, or analogues thereof, for the efficient post-combustion capture of carbon dioxide with low-energy aqueous solvents. Further information can be found at [www.co2solutions.com](http://www.co2solutions.com).

**CO<sub>2</sub> Solutions Forward-looking Statements**

Certain statements in this news release may be forward-looking. These statements relate to future events or CO<sub>2</sub> Solutions’ future economic performance and reflect the current assumptions and expectations of management. Certain unknown factors may affect the events, economic performance and results of operations described herein. CO<sub>2</sub> Solutions undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required under applicable law.

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