



For Immediate Release

TSX-V: CST

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## **CO<sub>2</sub> Solutions Receives Notice of Allowance for New Broad U.S. Patent**

### ***Company expands its leading patent position in the use of carbonic anhydrase for efficient carbon capture***

**Quebec City, Quebec, May 2, 2012** – CO<sub>2</sub> Solutions Inc. (TSX-V: CST), an innovator in the field of enzyme-enabled carbon capture technologies, announced today that it has received the Notice of Allowance from the U.S. Patent and Trademark Office for the issuance of US20100203619, “CO<sub>2</sub> ABSORPTION SOLUTION”. The patent will cover the use of carbonic anhydrase (CA) in any form for carbon capture from a gas stream and with any secondary or tertiary amine solvents. This Notice demonstrates the unique nature of the Company’s technology, which uses low-energy amine solvents accelerated by CA to cost-effectively capture CO<sub>2</sub> for reuse or sequestration. Near-term commercial applications exist for the technology, such as the processing of various industrial gasses, as well as potential long-term markets, such as flue gas treatment in the power generation and oil industry.

“This new patent further solidifies our leadership position in the field of enzymatic carbon capture at a time of intense industry interest in carbonic anhydrase. It provides the ability to deploy our carbon capture technology with low-energy and more environmentally sustainable amines in industries that are using more energy-intensive and costly amines such as monethanolamine (MEA). With our technology we can provide our customers with significant operating cost savings with a ‘drop-in’ solution that seamlessly integrates within existing gas-treating plants”, stated Glenn Kelly, President & CEO of CO<sub>2</sub> Solutions.

#### **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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