

Editorial Contact:
Cortec® Advertising Agency:

Shannon Garrow
(651) 429-1100 Ext. 128

sgarrow@cortecvci.com

Company Contact:
Cortec® Corporation

Robert Kean
(651) 429-1100 Ext. 161

rkean@cortecvci.com



Attention: Editor

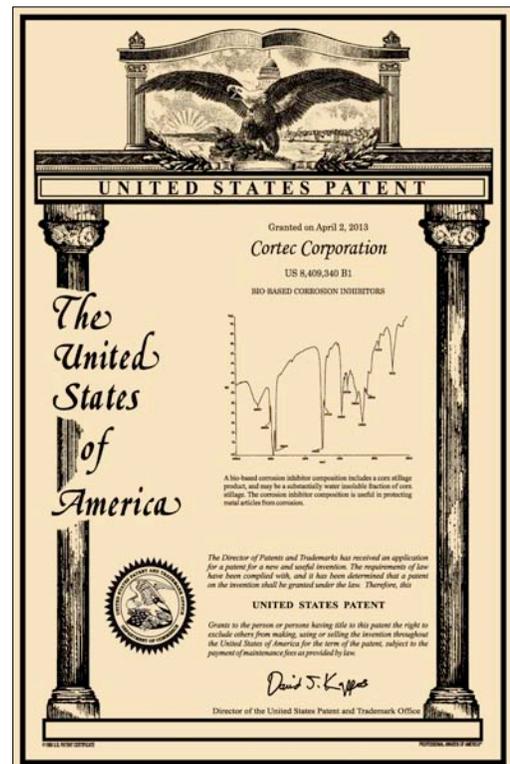
April 11, 2013

PRESS RELEASE



Cortec's "Bio-Based Corrosion Inhibitors" US Patent Number 8,409,340 Was Published April 2, 2013!

US patent number 8,409,340 "Bio-Based Corrosion Inhibitors" is the first patent granted from three that were filed on innovations from a 2010 Small Business Innovation Research (SBIR) Phase I Grant awarded to Cortec® by the National Science Foundation (NSF). Under the "Bio-Based corrosion Inhibitors" IIP-1013904 project, Cortec® evaluated the feasibility of producing bio-based, environmentally benign products for the prevention and treatment of corrosion and scale from low-value agricultural by-product streams. Selected agricultural by-product materials (feed stocks) were screened for corrosion prevention as well as removal of scale and existing surface corrosion on steel, galvanized steel, copper, and aluminum. The Cortec® Research and Development department was successful in identifying several novel materials with commercial potential.



This patent covers a water-insoluble corrosion inhibitor that can be extracted from corn ethanol stillage. The corrosion inhibitor is particularly useful in protecting steel from corrosion, and may be applied in combination with an acidic aqueous cleaning solution. A commercial product, based on this technology, has not yet been launched. However, with patent protection now in place, commercial applications of this technology can now be more fully explored. Of the other two patent applications, one is allowed and will be published soon, while the other is still pending.

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Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122