

PRESS RELEASE

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Sustainable Technology Company Cerealus and University of Maine Issued Patent for Barrier Compositions and Articles

WATERVILLE, ME—June 17, 2010— Sustainable technology leader [Cerealus Holdings, LLC](#) and The University of Maine (UMaine) were recently issued a patent approval for “Barrier Compositions and Articles.” This patent is the intellectual property associated with [Holdout™](#), a sustainable alternative to the fluorocarbon compounds commonly used in food packaging. Holdout™ utilizes a corn protein, Zein, to create a thermoplastic biopolymer coating for oil and grease resistance (OGR) in a fluorocarbon free food packaging applications. Holdout™ is made from natural and FDA approved materials and has been successfully applied using standard commercial coating equipment. Patent Number 7,737,200 was published June 15, 2010.

“Our Zein-based technology will finally enable consumers to access sustainable and biodegradable food packaging on a wider scale,” noted Tony Jabar, CEO and Founder of Cerealus. “We are pleased to obtain patent approval for the first of what we anticipate to be a successful series of Zein-based products.”

Michael Bilodeau, Director of Process Development at UMaine, added, “Paper companies, packaging converters and food companies have been looking for alternatives to fluorocarbon and synthetic compounds for some time now, and with this patent approval, they now have access to a renewable, non-toxic barrier coating that can be used in a wide array of applications. The Holdout™ coating has been successfully applied using standard commercial coating equipment.”

Cerealus and UMaine also recently teamed up to commercialize [CEREGEL™](#), a patented process improvement technology that enables paper mills to increase paper strength or increases ash or other filler content in the production of fine paper.

Cerealus Holdings, founded in 2004, is a product development and technology commercialization enterprise based in Waterville, Maine. Cerealus collaborates with academic and industrial partners to develop a diverse range of biopolymer based sustainable solutions for current and emerging opportunities in a variety of industries. For more information or product bulletins for Holdout™ or CEREGEL™, visit www.cerealus.com or contact Tom Moore, President of Cerealus at (207) 504-0374. To contact Cerealus Holdings, LLC for more information, visit www.cerealus.com or call 207.649.1147. ###