Ze-gen: Commercializing Clean Tech

TheCaseSolutions.com

Kristin Molina
ID 112 Textiles
Thursday 6pm
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Luna Innovations, Inc.

Textile Repellant Technology

Objective:
Protect first responders from pathogens and industrial workers from contaminants.

Can address the common problem of keeping fabric clean.
Repellant Technology

"The proprietary chemical technology uses a nanostructured textile coating to create an omniphobic treatment that repels both water- and oil-based liquids so they roll off without penetrating the underlying fabric."

Provides protection against contaminants and can also make clothes last longer and reduce laundering. Contaminants deteriorate quality and appearance of fabric.
U.S. Army Contract

_Innovation:_
Research that Luna completed under a U.S. Army contract awarded through the Small Business Innovation Research (SBIR) program to develop self-cleaning uniforms based on the use of omniphobic coatings, which are coatings that do not allow water, oils, solvents, or chemicals to wet the surface.

Cost savings for both households as well as large organizations such as the U.S. military and oil & gas operations.
UltraTech International, Inc.

Partner to take its technology to market

Breakthrough technology ready for commercial marketplace

"We're pleased to partner with Luna, a leader in technology development, to advance their patent-pending textile treatment that we expect will have many commercial and military applications. With our experience in introducing new products and a global sales channel that matches needs with solutions, we look forward to bringing this innovative coating to market."

Mark Shaw, Co-President

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Commerically Available

Inspired by nature

Luna's fluid-resistant coatings are based on hierarchical particles composed of commercially available materials

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Function

Particles are part of a water-based solution coated onto textiles to create omniphobic fabrics