

March 8, 2016



# Ecosphere Technologies Receives 14th U.S. Patent for OZONIX(R) Advanced Oxidation Process

STUART, FL -- (Marketwired) -- 03/08/16 -- Ecosphere Technologies, Inc. (OTCQB: ESPH), a technology development and intellectual property licensing company, today announced that the United States Patent and Trademark Office (USPTO) has approved a 14th United States Patent for Ecosphere's multi-patented OZONIX® Advanced Oxidation Process (AOP) technology.

On February 23, 2016, the USPTO approved **U.S. Patent # 9,266,752**, which relates to the field of fluid treatment and specifically an improved treatment apparatus for destroying aerobic and anaerobic bacteria in fluids used in oil and gas recovery and conditioning of said fluids for reuse without generating a residual waste stream.

The treatment system provides a cost efficient and environmentally friendly process and apparatus for cleaning and recycling fluids as contaminated as frac water, used to stimulate gas production from shale formations, as well as other types of fluids having various levels of contaminants such as aerobic and anaerobic bacteria and suspended solids. The calcium carbonate scaling tendency is reduced to an acceptable level without the use of acids, ion exchange materials, or anti scaling chemicals which provides positive economic and environmental significance and benefit. The treatment apparatus is modular in construction and compact in overall configuration. The treatment apparatus and associated equipment and electrical power generator is sized and configured to be mounted within a truck trailer body.

For more information on Ecosphere's 14<sup>th</sup> approved U.S. Patent for OZONIX®, please visit the USPTO website and [CLICK HERE](#).

"We are proud to receive yet another U.S. Patent for our proven and fully commercialized OZONIX® Advanced Oxidation Process (AOP)", stated Dennis McGuire, Chairman and CEO of Ecosphere Technologies and inventor of its 35+ Approved & Pending U.S. Patents. "OZONIX® continues to be the most proven, award-winning technology for cost-effectively treating produced and flowback waters in the Oil & Gas industry and we are just beginning to scratch the surface of its potential across numerous other industrial wastewater treatment applications."

McGuire continued, "Not only have we proven that OZONIX® can be used to cost-effectively compete with the price of liquid chemical treatment (biocides & scale-inhibitors), we have also proven that OZONIX® can be used to increase well productivity, with consistently greater gas production and monetary returns (added revenue) across 12 months of post-fracturing operations."

In the Fayetteville Shale of Arkansas, Ecosphere completed a 3-year study of 155 natural gas wells, assessing the comparative efficacy of water treatment methods for 96 wells treated using OZONIX® versus 59 wells treated using Chemical Biocide and was able to prove **\$24.9 million** in incremental revenue per year for 100 natural gas wells, **\$124.8 million** in additional revenue per year for 500 gas wells, and **\$249.7 million** in additional revenue per year for 1,000 gas wells when OZONIX® was used in place of liquid chemicals.

To download a free copy of the extensive-report and statistical analysis, please [CLICK HERE](#).

McGuire added, "Ecosphere will continue to work towards protecting its OZONIX® intellectual property portfolio and looks forward to working with operators that want to increase the revenue potential of their well assets, while also decreasing their environmental footprints and dependencies on toxic liquid chemicals. It is in times like these, where OZONIX® can play a major role in increasing the profitability of Oil & Gas Exploration and Production companies assets."

#### ***About Ecosphere's Multi-Patented OZONIX® Technology***

Since 2008, OZONIX®, a revolutionary Ozone-Based Advanced Oxidation Process (AOP), has enabled customers to treat, recycle and reuse over 6 billion gallons of water around the United States, while eliminating millions of gallons of liquid chemicals from various industrial operations. With expanded customer adoption in the United States, Canada, Brazil and most recently Malaysia, Ecosphere's customers and licensees are treating waters in the Oil and Gas, Food & Beverage, Landfill Leachate, Marine Port & Terminal, Agriculture and Industrial Wastewater treatment industries. The Company has also manufactured and deployed approximately 60 OZONIX® machines to date for a wide variety of customers and licensing partners.

Ecosphere's patented OZONIX® technology is protected by 23 approved and pending United States patents including but not limited to the 14 approved U.S. Patent No's. 7,699,994; 7,699,988; 7,785,470; 7,943,087; 8,318,027; 8,721,898; 8,858,064; 8,936,392; 8,906,242; 8,968,577; 8,999,154; 9,034,180; 9,169,146; 9,266,752; and Numerous Patents Pending.

For more information on Ecosphere's patented OZONIX® technology, please [CLICK HERE](#).

To download a PDF brochure on Ecosphere's patented OZONIX® technology, please [CLICK HERE](#).

For more information on Licensing Opportunities for Ecosphere's patented OZONIX® technology, please [CLICK HERE](#).

#### ***About Ecosphere Technologies***

Ecosphere Technologies, Inc. (OTCQB: ESPH) is a technology development and intellectual property licensing company that develops environmental solutions for global water, energy and industrial markets. We help industry increase production, reduce costs, and protect the environment through a portfolio of unique, patented

technologies: technologies like Ozonix®, the Ecos PowerCube® and our recently announced Ecos GrowCube™, which are available for exclusive and nonexclusive licensing opportunities across a wide range of industries and applications throughout the world.

For more information, please visit [www.EcosphereTech.com](http://www.EcosphereTech.com)

For investor related inquiries OR to stay informed of news and events, join Ecosphere's e-mail list by visiting us at [ir.stockpr.com/ecospheretech/request-information](http://ir.stockpr.com/ecospheretech/request-information)

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Source: Ecosphere Technologies, Inc.