

August 1, 2016



Strategic Environmental & Energy Resources Subsidiary, Paragon Waste Solutions Granted Second Patent for Its Waste Destruction Technology

Second U.S. Patent Issued for CoronaLux(TM) Technology With More Patents Pending and to Be Filed in 2016

GOLDEN, CO -- (Marketwired) -- 08/01/16 -- Strategic Environmental & Energy Resources, Inc. (SEER) (OTCQB: SENR), a provider of environmental, renewable fuels and industrial waste stream management services, announced that its subsidiary, Paragon Waste Solutions, has been awarded U.S. Patent Number 9,393,519 from the U.S. Patent and Trademark Office (USPTO) for technology related to medical waste disposal and extension of the volatile organic compound 'VOC' spectrum. As of today, the total number of patents issued in the Company's portfolio is four, with several more patent applications pending both domestically and internationally.

The Paragon CoronaLux™ system is a patented, low energy, plasma-assisted pyrolytic process that makes it possible to reliably and safely destroy medical waste; on-site and on-demand. The disruptive technology safely and efficiently eliminates virtually all harmful emissions associated with high-temperature thermal processes. Third party independent emission studies concluded the CoronaLux system emits the lowest levels of NOx, Carbon Monoxide and VOC's versus any of today's thermal destruction technologies.

The newly issued patent expands the VOC profile claimed in the original patent, includes the use of catalysts for extreme ranges of VOC's, and expands the intellectual property protection around the Paragon Technology. The Paragon Technology has now been examined by the USPTO, European, Latin American and Asian patent examiners, and granted patent protection in each region.

"The issuance of this second patent is a significant step forward in protecting our valuable asset, both domestically and internationally, as we deploy our disruptive technology into the global market," said Strategic Environmental & Energy Resources Chairman and CEO, John Combs. "Additionally, the new patent award covers an important element in the foundation of our CoronaLux waste destruction system and embodies the uniqueness of our waste destruction intellectual property. We anticipate expanding our patent portfolio to cover a broad set of intellectual property in this area as well as others."

U.S. Patent Number 9,393,519 Abstract

The waste disposal system disclosed herein includes a chamber operated at high ampere

and low voltage, the chamber configured to inject smoke on a stream of free radicals. In one implementation, the stream of free radicals is generated from a plasma igniter and the smoke is generated from oxidizing waste products, such as all types of medical waste products.

Cross-Reference to Related Applications to U.S. Patent Number 8,870,735

A method comprising: generating a stream of free radicals using a low energy plasma torch generating cold plasma; injecting at least one of smoke, combustible gas, air, steam, and inert gas into a secondary chamber; and impinging the stream of free radicals on the flow of the at least one of smoke, combustible gas, air, steam, and inert gas, wherein the secondary chamber further comprises a catalyst to accelerate the reaction of the free radicals with the smoke.

About Paragon Waste Solutions

SEER's majority-owned Paragon Waste Solutions is at the technological forefront of the waste management and destruction industry. Paragon's patented CoronaLux™ system uses a low-energy, plasma-enhanced pyrolytic process to safely and reliably destroy hazardous, chemical, biological, pharmaceutical and regulated medical waste. The system also eliminates harmful emissions associated with high-temperature thermal alternative processes such as incineration and conventional hot plasma. The result is tremendous cost savings for waste producers and a much cleaner, safer environment. Initial CoronaLux™ installations have addressed the medical waste market where prevailing destruction methodologies are not available or antiquated, costly and create harmful emissions through incineration or high-energy plasma treatment. Eventually, the Company intends to deploy its CoronaLux™ technology into the oil and gas refinery sector, where the mandated destruction of volatile organic compounds, or VOCs, is currently costly and inefficient. The Company's CoronaLux™ technology is the industry's cleanest and most effective solution for most types of solid waste destruction; appropriate for on-site, mobile or centralized collection applications.

About Strategic Environmental & Energy Resources, Inc.

Strategic Environmental & Energy Resources, Inc. (SEER) (OTCQB: SENR), identifies, secures, and commercializes patented and proprietary environmental clean technologies in several multibillion dollar sectors (including oil & gas, renewable fuels, and all types of waste management, both solid and gaseous) for the purpose of either destroying/minimizing hazardous waste streams more safely and at lower cost than any competitive alternative, and/or processing the waste for use as a renewable fuel for the benefit of the customers and the environment. SEER has four wholly-owned operating subsidiaries: REGS, LLC; Tactical Cleaning Company, LLC; MV Technologies, LLC and SEER Environmental Materials, LLC; and two majority-owned subsidiaries: Paragon Waste Solutions, LLC; and ReaCH4biogas ("Reach"). For more information about the Company visit: www.seer-corp.com.

Forward Looking Statements

This press release contains "forward-looking statements" within the meaning of various provisions of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, commonly identified by such terms as "believes," "looking ahead," "anticipates," "estimates," and other terms with similar meaning. Although the company believes that the

assumptions upon which its forward-looking statements are based are reasonable, it can give no assurance that these assumptions will prove to be correct. Such forward-looking statements should not be construed as fact. Statements in this press release regarding future performance or fiscal projections, the cost effectiveness, impact and ability of the Company's products to handle the future needs of customers are forward-looking statements. The information contained in such statements is beyond the ability of the Company to control, and in many cases the Company cannot predict what factors would cause results to differ materially from those indicated in such statements. All forward-looking statements in the press release are expressly qualified by these cautionary statements and by reference to the underlying assumptions.

Investor Relations
MZ North America
Chris Tyson
Managing Director
Direct: 949-491-8235
chris.tyson@mzgroup.us
www.mzgroup.us

Source: Strategic Environmental & Energy Resources, Inc.