



Sestar Medical Technologies (SESTAR)

Plasma sterilization for medical products

Sestar Medical Technologies, LLC (SESTAR) is a medical device company developing revolutionary plasma sterilization products that will be integral components in the ultimate solution to the world's current and future infectious disease programs.

Technology

Plasma sterilization is fast evolving into a promising alternative to standard sterilizing techniques. The plasma sterilization process utilizes Ultraviolet light irradiation, photo-desorption and finally chemical etching. Plasma energy reacts with the atoms of organic materials to decompose them into their basic compounds like carbon dioxide and water vapor. When the organism is exposed to plasma energy it loses atoms and molecules that are intrinsic to its survival resulting in its complete destruction and decomposition into its basic elements.

Market Potential

SESTAR is developing a technology that will change the way medical devices are sterilized and transported. The first product called the Mobile Sterilization Unit or MSU, is based on patented technology that will automatically sense contaminated objects and sterilize them in a matter of minutes using plasma energy. Plasma offers the benefit of complete sterilization (more effective than chemical sanitation or decontamination) as well as being delicate enough not to harm medical devices. The market for such devices is immense. Currently 4.5 out of every 100 patients admitted to a U.S. hospital get a hospital-acquired infection, resulting in almost 100,000 deaths a year. The majority of these infections come from improper sterilization of equipment and/or medical devices contained in rooms. It is an estimated \$640 billion was spent by hospitals in 2008 on sterilization. In addition to hospital use, the MSU is portable and durable enough to be used in a variety of applications including military, disaster relief, pharmaceutical labs and public health agencies such as the World Health Organization.

Strategy

SESTAR is looking to raise funds to complete product development, field-testing and to setup a pilot production line in Gainesville, Florida. SESTAR will develop the MSU through several phases with the goal of bringing a fully functional device to the market.



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Management Team

Mike Starks - Founder and CEO

In 2001, Mr. Starks founded TourTurf Holding, LLC with other partners that were former executives of the PGA Tour. The company acquired the rights to distribute nationally FieldTurf synthetic turf products for the golf and residential and commercial landscaping markets. Starks held executive positions in finance, strategic planning and player communications. Before his employment with the PGA Tour, he was vice president of finance and general manager of Planned Cable Systems, a multi-system cable television owner and operator located in Dallas, Texas.

Stephen Sesnick - Inventor and Founder

Mr. Sesnick, co-founder and vice president of product development for SESTAR, has more than 40 years experience as an innovator, inventor and marketer. He is the chief inventor of SESTAR conceptual innovations.

Bill Carr - VP of Marketing

Mr. Carr is a search and management consultant for intercollegiate athletics and was University of Florida's athletics director from 1979 to 1986.

Contact Information

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