

Antimicrobial Technology for Medical and Food Packaging Applications



Clean Surface Technology LLC

Our Corporate Goal - To provide antimicrobial technology for medical and food packaging applications in a safe and cost-effective manner.

Clean Surface Technology (CST) was formed to maximize the use of a new material that has potent antimicrobial capabilities and that can be applied to many surfaces. This plastic material can be manufactured in various thicknesses, with and without adhesives, giving it the ability to adhere to surfaces. The material is embedded with an antimicrobial agent that continues to kill bacteria for a significant period of time. The bacterial killing, combined with the many forms of the material and its durability, gives us endless product opportunities.

CST has secured exclusive rights to this unique technology from Silver Defender (SD) for use in medicine and medical facilities, food packaging, and food processing. CST is working with SD to focus on the most viable applications for the use of the technology.

It is known that 80% of bacteria is transferred by touch or contact. There are very efficient sprays that can kill surface bacteria, but constant cleaning is expensive and these chemicals only kill bacteria for a short period of time and in many cases, with no extended killing.

Clean Surface Technology LLC

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No. of Employees: <10

Key Executives:

Marc Burel, CEO

Tony Dimun, Chairman

Dr. Emanuele Chisari, Chief Medical Officer

John Papa, Board Member

Mark Jefferson, Board Member

Products/Services: Antimicrobial technology for medical and food packaging applications

Year Founded: 2022

The food and medical industries are extremely susceptible to bacteria, spending millions of dollars to contain bacteria in an effort to prevent infections in humans and contaminations in food. There is a heightened awareness of bacteria and viruses today. Institutions are looking for ways to keep surfaces clean for an extended period of time.

The standard SD product is being applied by SD to door handles, elevator buttons, desks, screens, etc. CST will not be looking to secure that part of the business, but is looking at initial opportunities such as bed covers, privacy curtains and other opportunities that are recognized as significant sources of hospital acquired infections. Once clinical acceptance is achieved CST plans to expand its marketing focus on a greater level to areas in the hospital where procedures are conducted and address the significant concerns that lead to bacterial infections. Additional healthcare market will extend to ambulatory surgery centers, urgent care clinics and nursing homes.

Food packaging is another focus for CST. Recalls and short shelf life costs the food industry millions of dollars every year. CST is working with SD to develop materials for food packaging and processing. These are very large business with the chicken business being over \$50 billion per year on its own. Frozen food and other meat processing is even larger.

SD has been successful in selling products to the general public but has partnered with CST to address other more complicated business segments. CST is having the products tested against over 15 different bacterial strains so we will be able to assure consumers of its efficacy and safety.

CST will file with the FDA for 510K's where needed in the medical space and for Food Contact Notifications in the packaging business. CST has secured experts for all phases of the regulatory process.

CST is headed up by Marc Burel, a Senior Executive with over 30 years of experience in medical devices and antimicrobial technologies.

Tony Dimun Joins as Chairman of the Board. Mr. Dimun, a Serial Entrepreneur with many successful exits, serves as a board member and Chairman of several companies. Mr. Dimun is the Former EVP/CFO of a NASDAQ listed medical device company.

Dr. Emanuele Chisara, a highly regarded Physician Scientist affiliated with the Rothman Institute at Jefferson University Hospital. Dr. Chisari will guide the company on scientific matters.

John Papa, former Treasurer for J&J and active Board Member in many startups, is a valuable advisor and Board Member.

Mark Jefferson is currently CEO for Trinity Medical Devices Inc. Mr. Jefferson was previously VP Sales & Marketing at Vital Signs, Inc. and will serve as a Board Member and advisor for CST.

CST is under the umbrella of Trinity Medical Devices Inc., an established medical device company with focus on medical device outsourcing for hospitals and large distributors such as Henry Schein and Avanos.

For more information, please call Marc Burel at 201-214-3665.