NovaSterilis

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Press Release

NovaSterilis Receives Patent on New Sterilization Methodology

ITHACA, NY, September 22nd, 2006 – **NovaSterilis, Inc.,** located in Ithaca NY, has been granted U.S. Patent #7,108,832 entitled "Sterilization Methods and Apparatus Which Employ Additive-Containing Supercritical Carbon Dioxide Sterilant." The patent, dated September 19, 2006, was awarded to inventors T. W. Christensen, **D. C. Burns**, A. L. White, B. Ganem, and **A. R. Eisenhut**.

The patent describes the use of a novel sterilization apparatus together with chemical additives to sterilize a broad range of materials, including biological tissues, instruments and devices that are thermally or hydrolytically unstable, or otherwise incompatible with traditional sterilization techniques. Such materials include tissue implants or transplants, biomedical polymers used in drug delivery, as well as certain delicate medical equipment that cannot be sterilized using steam, or ethylene oxide, or gamma irradiation without eroding the integrity of the material being sterilized. The patented process is an integral component of the company's Nova2200™ Sterilization System, which is now in use in the U.S. tissue bank industry.

"Clearly, the U.S. Patent Office recognized the novelty and importance of this invention," commented **David Burns, President of NovaSterilis**. "There is a growing need for new sterilization solutions that can keep pace with the remarkable innovations emerging from the modern biomedical industry."

About NovaSterilis: NovaSterilis, Inc., which developed the NOVA2200™ System, is a privately held biotechnology company located in Ithaca, NY near Cornell University. NovaSterilis develops and commercializes proprietary supercritical carbon dioxide-based products and technologies for the sterilization of biomedical materials, thereby addressing challenging issues facing the pharmaceutical and biomedical industries. The company's proprietary technologies grew out of the internationally acclaimed research conducted by Professor Robert S. Langer and his team at MIT.