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Class 1 Awarded New US Patent



United States Patent Hunt et al.

APPARATUS, SYSTEMS AND METHOD FOR COLLECTING AND RECLAIMING ANAESTHETIC AGENTS AND FOR REMOVING NITROUS OXIDE FROM EXHAUST GASES

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CAMBRIDGE – May 13, 2016 – Class 1 Inc., a leading provider of innovative medical gas equipment and services, on-site oxygen, halogenated drug recovery and engineered infection prevention technology, is pleased to announce that the company has been issued United States Patent No. US 9,242,065 B2 (the “Patent”) for its “Conservation Valve (Green Tech) APPARATUS, SYSTEMS AND

Hospital operating rooms provide anesthetic gas scavenging systems (AGSS) to evacuate the waste anesthetic gases from the patient breathing circuit. The vacuum pumps used to supply AGSS typically operate 24/7 regardless of whether surgery is being performed or not. Class 1’s new conservation valve can reduce AGSS pump operation and energy consumption by up to 90%. The patented device senses when a patient is undergoing anesthesia and automatically responds by opening a valve to the AGSS system. After the anesthetic procedure is completed, the device automatically closes the valve to the AGSS.

The award of this patent further highlights Class 1’s commitment to Research and Development and its reputation for innovation in the hospital industry, as demonstrated by 14 patents issued or patents pending. The newly patented Conservation Valve is a companion technology to Class 1’s patented Halogenated Drug Recovery system (HDR), which captures and stores greenhouse gas (GHG) anesthetics typically released into the atmosphere by hospitals across North America. The gases are liquefied on-site and returned to Class 1’s processing facility in Cambridge, Ontario where they are stored for possible future re-use as anesthetics.

About Class 1 Inc.

Class 1 Inc. is a leading manufacturer, distributor, installer, and service provider of innovative medical gas equipment and services, on-site oxygen production, engineered infection prevention, UVC room disinfection and halogenated drug recovery services to hospitals from coast-to-coast in Canada and internationally.

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