



News Release

IWG RECEIVES U.S. PATENT ON ITS UNIQUE CIRCULATING POTABLE WATER SYSTEM FOR AIRCRAFT

Burnaby, BC, Canada - International Water-Guard Industries Inc. is pleased to announce that it has been granted a United States patent (U.S. Pat. No. 6,463,956) for the company's unique circulating potable water system (*C-PWS™*). The U.S. Patent, is titled "Method of Water Distribution and Apparatus Therefor" and covers IWG's *C-PWS™* concept, which employs water pumps to continually circulate potable water through the aircraft's water lines. The *C-PWS™* concept replaces older designs which use air pressure drawn from the jet engines to pressurize the water lines, or in some cases, demand pumps, which turn on only when a tap or other water use device is opened. Continual circulation provides a wide range of benefits to the aircraft owner/operator.

Continual circulation prevents the water from freezing at high altitudes and does so without the electrical water line heaters required by older designs. It also replaces bulky pressurized water tanks with unpressurized tanks that can be configured to conform to the shape of the aircraft, thereby opening up significant space inside the crowded fuselage. IWG's *C-PWS™* concept also includes its patented ultraviolet water treatment device, which provides clean, disinfected water for passengers and crew. The result is a much simpler and much lighter potable water system that incorporates its own 'on-board bottled water plant.'

IWG has installed the *C-PWS™* on a Bombardier Global Express and holds the Supplemental Type Certificate (STC) for Global Express *C-PWS™* installations. The *C-PWS™* is also currently being installed on a Gulfstream G-IV corporate jet at the Gulfstream Completion Center in Savannah, Georgia. IWG will apply for an STC for G-IV aircraft once the *C-PWS™* installation is complete. IWG has also completed a *C-PWS™* design for Boeing BBJ/737 NG aircraft.

"We have been actively marketing our circulating system and have had a good deal of success," said Bill Coote, IWG's President and CEO. "The customer feedback we have received has been extremely positive, and now, with the U.S. patent based on our Water Knowledge in place, we have a proven product with the sort of intellectual property protection that allows us to expand our market with confidence."

IWG's ultraviolet water treatment units received a separate U.S. Patent earlier this month. In total, more than 700 ultraviolet units are flying in corporate, private, and military aircraft around the world.

International Water-Guard Industries Inc. is a Canadian water treatment company providing total water treatment solutions to aviation, industrial/commercial, and residential customers throughout the world. Services include water treatment needs analysis, system design/assembly, and ongoing support. IWG has expertise in all aspects of water treatment, including advanced filtration, ultraviolet disinfection, reverse osmosis, deionization, etc.

The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this release.

TSX VENTURE: IWG

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