O 1 / A 1 / A 2 / A 1 /	Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027	U.S. Patent and Trademark Office	
	The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents(s) or copy(ies) thereof.	Docket No.: G000001192/RFH	
	Name of conveying party(ies) KULLENBERG, Frederic W.		
	Name and address of receiving party(ies): Name: Hydronics Street Address: One Pacific Place; 1125 S. 103 rd Street, Suite 650 City + Address: Omaha, Nebraska 68124		
	3. Nature of conveyance:		
	X Assignment Merger Sec	curity Agreement	
	Change of Name Other: Execution Date: 07/14/2003		
	Application number(s) or patent number(s)		
	This document is filed together with a new application, whose execution date is:		
	A. Patent Application No.(s) 5,084,269	B. Patent No.(s)	
	5. Name and address of party to whom correspondence concerning document should be mailed:		
	Name: Ross F. Hunt, Jr. Tel.: 703-739-4900 LARSON & TAYLOR, PLC • 1199 North Fairfax St. • Suite 900 • Alexandria, VA 22314-1437		
	6. Total number of applications and patents involved:	#1	
	7. Total fee (37 CFR 3.41)		
	Y Enclosed	\$40.00	

(8. Any insufficiency in fee is authorized to be charged to Deposit Account No. 12-0555.)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ross F. Hunt, Jr. 24,082 Name of person signing

July 23, 2003

Date

Total number of pages including cover sheet, attachments and documents: 3

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PATENT REEL: 014301 FRAME: 0272

CONFIRMATORY ASSIGNMENT OF U.S. PATENT RIGHTS

WHEREAS, Dr. Frederic W. Kullenberg, (hereinafter referred to as the "ASSIGNOR"), having his residence at 4171 Gray Hills Road, Wellington, Nevada 89444, is the inventor and was the sole and exclusive owner of U.S. Patent No. 5,084,269, issued on January 28, 1992; and

And WHEREAS, Hydronics, Inc. and Hydronics LTD (hereinafter, collectively "HYDRONICS" and hereinafter referred to as the "ASSIGNEE"), with primary offices at One Pacific Place, 1125 S. 103rd Street, Suite 650, Omaha, NE 68124, has acquired and is desirous of confirming acquisition of all right, title and interest in said patent;

NOW THEREFORE in consideration of the sum of ten U.S. dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR confirms that he has assigned, sold, transferred and set over, and does hereby assign, sell, transfer and set over unto the ASSIGNEE the entire right, title and interest in and to said Letters Patent and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any, re-issues, renewals and/or extensions thereof, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all re-issues, renewals and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

And for the consideration aforesaid, ASSIGNOR agrees that ASSIGNOR will communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNOR respecting the invention(s) and improvement(s) of the said United States Letters Patent, and will, upon request, but without expense to ASSIGNOR, testify in any legal proceedings, sign all lawful papers, execute all renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

This assignment shall be binding upon the ASSIGNOR's heirs, executors,

PATENT REEL: 014301 FRAME: 0273 administrators, successors and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of the ASSIGNEE.

July 14, 2003 Date

RECORDED: 07/23/2003

I hereby authorize and request any attorney of record in said Letters Patent or any attorney of Larson & Taylor, PLC, Customer No. 000881, to insert above any information concerning the identity of the parties or of said Letters Patent.

Signature of Dr. Dr. Frederic W. Kullenberg

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