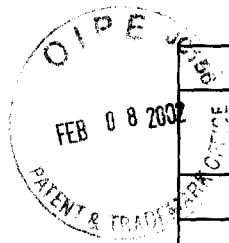


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COVER SHEET

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies): Vortex Aircon 132 Renaissance Drive Cherry Hill, New Jersey 08003 Type of Entity: Corporation-Delaware Additional names(s) of conveying party(ies) attached? No		2. Name and Address of receiving party(ies): VAI Holdings, LLC 132 Renaissance Drive Cherry Hill, New Jersey 08003 Type of Entity: Delaware limited liability company Additional name(s) & address(es) attached? No	
3. Nature of Conveyance: Assignment Execution Date: December 26, 2001			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:			
A. Application No.(s) <del>09/535,126</del> 09/737,016 09/760,232 09/802,763 09/935,979 09/954,613 60/227,145 60/288,006 60/302,722 60/303,198		B. Patent No.(s) 6,293,108 6,250,086 Additional numbers attached? No	
5. Name and address of party to whom correspondence concerning document should be mailed: OSTROLENK, FABER, GERB & SOFFEN, LLP 1180 Avenue of the Americas New York, New York 10036-8403		6. Total number of documents involved: 12	
		7. Total fee (37 CFR 3.41): \$480.00 Enclosed as part of Check No. 080661 In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee due is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700.	
02/14/2002 BYRNE 00000209 09535126 01 FC:581 480.00 DP DO NOT USE THIS SPACE			
8. 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. Lawrence A Hoffman Name of Person Signing Signature January 9, 2002 Date Total number of pages including cover sheet, attachments, and document: 3			

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 PATENT  
 REEL: 012569 FRAME: 0028

ASSIGNMENT

**VORTEX AIRCON**, a Delaware corporation having its principal place of business located at 132 Renaissance Drive, Cherry Hill, New Jersey 08003, (hereinafter referred to as ASSIGNOR) is the owner of certain United States Letters Patent, pending United States Provisional and Non-provisional and Patent Cooperation Treaty (PCT) patent applications as follows:

United States Patent 6,293,108

United States Patent 6,250,086

United States Non-provisional Patent Application 09/535,126

United States Non-provisional Patent Application 09/737,016

United States Non-provisional Patent Application 09/760,232

United States Non-provisional Patent Application 09/802,763

United States Non-provisional Patent Application 09/935,979

United States Non-provisional Patent Application 09/954,613

Patent Cooperation Treaty Application PCT/US01/20596

Patent Cooperation Treaty Application PCT/US01/06551

United States Provisional Patent Application 60/227,145

United States Provisional Patent Application 60/288,006

United States Provisional Patent Application 60/302,722

United States Provisional Patent Application 60/303,198

United States Provisional Patent Application (serial number not known) for WATER TREATMENT PROCESS AND APPARATUS, filed in U.S. Patent Office October 23, 2001; *12-76-01*

Korean Patent Application 2000-0019198

Japan Patent Application 2000-130494

WHEREAS, **VAI HOLDINGS, LLC**, a Delaware limited liability company having its principal place of business located at 132 Renaissance Drive, Cherry Hill, New Jersey 08003, (hereinafter referred to

as ASSIGNEE) is desirous of acquiring all right, title and interest in said patents, said patent applications, the invention set forth therein (and any patent that may be granted therefor);

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and set over to said ASSIGNEE the entire right, title and interest for the United States and all other countries in and to the aforesaid patents and patent applications, and the inventions which are the subject thereof, together with all original, divisional, continuation, substitute and reissue applications for patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said invention, and all rights for past infringement, and the Commissioner of Patents and Trademarks in the United States, and the corresponding granting authorities throughout the world are hereby authorized and requested to issue all patents on said invention or resulting therefrom to said ASSIGNEE herein as ASSIGNEE of the entire interest therein; and the undersigned for itself and its legal representatives, heirs, and assigns does hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, substitute and reissue United States and other country applications for patent on said invention and all assignments thereof to said ASSIGNEE or its assigns, to communicate to said ASSIGNEE or its representatives all facts known to the undersigned respecting said invention, whenever requested to testify in any Interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths or declarations, and to do generally everything necessary to aid said ASSIGNEE, its successors, assigns, and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne by and paid by said ASSIGNEE.

(CORPORATE SEAL)

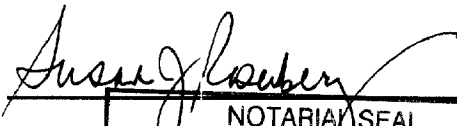
  
\_\_\_\_\_  
Young I. Cho, President

State of Pennsylvania     )  
  ) ss.:  
County of Philadelphia)

On this 26<sup>th</sup> day of December, 2001, before me personally appeared Young I. Cho, to me known and known to me to be the individual who executed the foregoing instrument and acknowledged to me that he executed the same as the president of Assignee, and that he executed the same by order of the Board of Directors of said corporation.

Seal

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\_\_\_\_\_  
**NOTARIAL SEAL**  
Susan J. Rosenberg, Notary Public  
City of Philadelphia, County of Philadelphia  
My Commission Expires Mar. 15, 2004