

08-27-2003



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102535592 PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

DOUGLAS, Jonathan D. BIANCHI, Marcus V.A. ROSSI, Todd M.

2. Name and address of receiving party(ies)

Name: Filed Diagnostic Services, Inc.

Internal Address:

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Street Address: 825 Towne Center Drive

Suite 110

City: Langhorne State: PA Zip: 19047

Execution Date: 8/20/2003

Additional name(s) & address(es) attached? Yes No

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. Patent Application No.(s) 10/614,598

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark A. Garzia, Esq.

Internal Address: Law Offices of Mark A. Garzia, P.C.

Street Address: P.O. Box 288

City: Media State: PA Zip: 19063-0288

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed Authorized to be charged to deposit account

8. Deposit account number:

23 AUG 25 AM 8:18 DPR/FINANCE

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9. Signature.

Mark A. Garzia Res. # 35,517 Name of Person Signing

Signature

22 AUGUST 2003 Date

Total number of pages including cover sheet, attachments, and documents: 6

08/26/2003 LMUELLER 00000073 10614598

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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40.00 DP

PATENT REL 4422 FRAME: 0876

ASSIGNMENT

We, the undersigned, Jonathan D. Douglas, Marcus V.A. Bianchi, and Todd M. Rossi, hereby declare that we are joint inventors of the inventions relating to ESTIMATING EVAPORATOR AIRFLOW IN VAPOR COMPRESSION CYCLE COOLING EQUIPMENT described in an application for Letters Patent of the United States of America, identified as Application No.10/614,598, filed July 7, 2003;

For good and valuable consideration, receipt, adequacy and sufficiency of which is hereby acknowledged, we hereby sell, assign, and transfer to FIELD DIAGNOSTIC SERVICES, INC. (hereinafter "Assignee"), a Pennsylvania corporation, with a principal place of business located at 825 Town Center Dr., Suite 110, Langhorne, PA 19047, duly organized and existing under the laws of the United States of America, our entire right, title, and interest in and to said inventions and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to, and under any and all Letters Patent which may be granted on or as a result thereof in the United States of America and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize the Assignee to file in our names applications for Letters Patent in all countries the same to be held and enjoyed by the Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale, and transfer not been made;

We hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith;

We further covenant and agree that we will, each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions, said application and any Letter Patents that may issue, to the Assignee, its successors, assigns, nominees or legal representatives, and we agree to communicate to the Assignee, its successors, assigns, nominees or legal representatives, all known facts respecting said inventions, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue, and foreign applications, to make all rightful oaths, and generally to do everything possible to aid the Assignee, its successors, assigns, nominees, and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries, all at the expense, of the Assignee, its successors, assigns, nominees or legal representatives;

In the event Assignee is unable for any reason whatsoever to secure our signatures to

any lawful and necessary documents required, including those necessary for the assignment of, to make applications for, or to prosecute any United States or foreign applications for Letters Patent (or the foreign equivalent), hereby irrevocably designate and appoint Assignee and its duly authorized officers and agents as agent and attorney-in-fact, to act for and in our behalf and stead, to execute and file any such application and to do all other lawfully permitted acts to further the assignment, prosecution, and issuance of Letters Patent (or the foreign equivalent) thereon with the same legal force and effect as if executed by us. We hereby waive and quitclaim to Assignee any and all claims of any nature whatsoever which we may now have or may hereafter have for infringement of any patent resulting from any such application.

We authorize the Assignee, its successors, assigns, nominees and legal representatives, to make application for patent or other form of protection for said inventions in its or their own name, or in our names, in any and all countries, and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this Assignment shall be deemed a full, legal, and formal equivalent of any Assignment, consent to file or like document, which may be required in any country for any purpose, and more particularly, in proof of the right of the Assignee, its successors, assigns, nominees or legal representatives, to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any official of any country or countries foreign to the United States of America whose duty it is to issue patents on applications as aforesaid, to issue to the Assignee, as assignee of the entire right, title, and interest, any and all Letters Patent for said inventions, including any and all Letters Patent of the United States of America which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this Assignment.



**PATENT
Joint Inventorship**

Atty. Docket: FDS-P10.1-US

First Inventor *Jonathan D. Douglas*
Jonathan D. Douglas

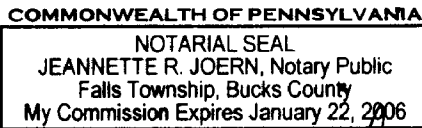
August 20, 2003
Date

Address: 20 Scherer Court
Lawrenceville, NJ 08648

State of Pennsylvania
County of Bucks

This 20th day of August, 2003, before me personally came the above-named Jonathan D. Douglas, known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Witness my hand and Notarial seal the day and year immediately above-written.



Jeannette R. Joern
Notary Public

Second Inventor *Marcus V.A. Bianchi*
Marcus V.A. Bianchi

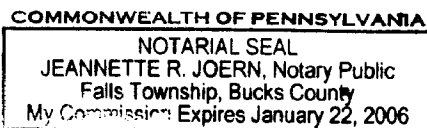
August 20, 2003
Date

Address: 2403 Society Place
Newtown, PA 18940-3233

State of Pennsylvania
County of Bucks

This 20th day of August, 2003, before me personally came the above-named Marcus V.A. Bianchi, known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.


Witness my hand and Notarial seal the day and year immediately above-written.



Jeannette R. Joern
Notary Public

**PATENT
Joint Inventorship**

Atty. Docket: FDS-P10.1-US

Third Inventor 
Todd M. Rossi

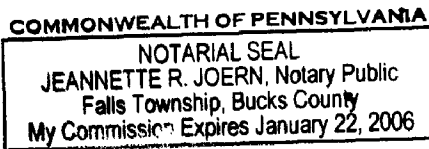
August 20, 2003
Date

Address: 15 Glenview Dr.
Princeton, NJ 08540

State of Pennsylvania
County of Bucks

This 20th day of August, 2003, before me personally came the above-named Todd M. Rossi, known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Witness my hand and Notarial seal the day and year immediately above-written.




Notary Public