FORM PTO-1595 RECOL U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp. 4/94) Tab settings □ □ □ ▼ 10155065/ riease record the attached original documents or copy thereof. To the Honorable Commissioner of Patents ... 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Nihad Dukhan Name: Marconi Communications, Inc. Mark Cress Michael R. Cosley Internal Address: Suite 300 Additional name(s) of conveying party(ies) attached?

Yes
No 3. Nature of conveyance: Street Address: 5900 Landerbrook Drive Assignment □ Merger □ Security Agreement Change of Name City: Cleveland State: Ohio 71P:44124 Other November 27, 2000 Execution Date: _ Additional name(s) & address(es) attached?

Yes No 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: November 22 & 27, 2000 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence Total number of applications and patents involved: concerning document should be mailed: Name: Joseph H. Golant 7. Total fee (37 CFR 3.41).....\$ 40.00 Internal Address: Jones, Day, Reavis & Pogue **Enclosed** Authorized to be charged to deposit account. (if fee is in excess of \$40.00) Street Address: 77 W. Wacker Drive 8. Deposit account number: 10-1202 ZIP: 60601-City: Chicago State: N (Attach duplicate copy of this page if paying by deposit account) 2/04/2000 AUDIONFT 00000202 09725539 DO NOT USE THIS SPACE 40.00 DP 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. Joseph H. Golant November 28, 2000 Name of Person Signing Date Total number of pages including cover sheet, attachments, and document:

2-14-2000

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

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, Nihad Dukhan, a citizen of Palestine, residing at 1150 N. Lake Shore Drive, Apt. 13J, Chicago, Illinois 60611, Mark Cress, a citizen of the United States of America, residing at 126 Dennis Drive, Bensenville, Illinois 60106 and Michael R. Cosley, a citizen of the United States of America, residing at 1665 Flagstone Drive, Crystal Lake, Illinois 60014, respectively, hereby sell, assign and transfer to Marconi Communications Inc., a corporation duly organized and existing under the laws of the State of Delaware, and having its principal place of business at 5900 Landerbrook Drive, Suite 300, Cleveland, Ohio 44124, U.S.A., as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in a

OPEN COMPRESSED-AIR VORTEX TUBE HEAT MANAGEMENT SYSTEM

described in an application for Letters Patent of the United States,
(check one) X attached hereto.
filed on as Application Serial No
and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, 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 me.

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 said assignee or nominee to claim the aforesaid 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.

PATENT REEL: 011320 FRAME: 0753 We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Wastennille, IL (city, state)
this 27 day of Monember, 2000.
Mihad Dukhan
Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.
Witness Mary Dolan Date 11/27/00
Witness Mary Dolan Date 11/27/00 Witness Dom Mullin Date 11/27/00
Signed at WARRENTTLE, IL. (city, state) this 27 day of NOVEMBER, 2000.
Mark Cress
Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.
Witness Mary Dolan Date 11/27/00 Witness Don Mueller Date 11/27/00
Witness Don Mueller Date 11/27/00

PATENT REEL: 011320 FRAME: 0754 Signed at WAZZEVILLE, M. (city, state)

this 77 day of NOVEMBER , 2000.

Michael R. Cosley

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness ///QAA

Date 1/27/00

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Date_///27/00_

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PATENT REEL: 011320 FRAME: 0755