

04-29-2002



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04/23/02

Form PTO-1595 (Rev. 03/01)	REI	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 5/31/2002)		
Tab settings ⇌ ⇌ ⇌		

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

1. Name of conveying party(ies): Eric Wobig Alex Z. Rodriguez <i>04/23/02</i> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: Dell Products L.P. Internal Address: _____ _____ Street Address: One Dell Way _____ City: Round Rock State: Texas Zip: 78682-2244 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____	
Execution Date: 04/04/2002, 04/04/2002	

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: 4/22/2002 A. Patent Application No.(s) B. Patent No.(s)	
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed: Name: David L. McCombs Internal Address: Haynes and Boone, LLP _____ Street Address: 901 Main Street, Suite 3100 _____ City: Dallas State: Texas Zip: 75202-3789	6. Total number of applications and patents involved: <input type="checkbox"/> 7. Total fee (37 CFR 3.41).....\$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 08-1394 (Attach duplicate copy of this page if paying by deposit account)
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## DO NOT USE THIS SPACE

9. Statement and signature. <i>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.</i> James R. Bell Name of Person Signing			 Signature	<i>4-23-02</i> Date
Total number of pages including cover sheet, attachments, and documents: <input type="checkbox"/>				

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

**ASSIGNMENT**

WHEREAS, WE,

- |                       |                                      |
|-----------------------|--------------------------------------|
| (1) Eric Wobig        | City of Austin<br>State of Texas     |
| (2) Alex Z. Rodriguez | City of Round Rock<br>State of Texas |

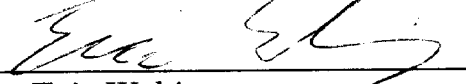
have invented certain improvements in a

**ACTIVE HEAT SINK UTILIZING HOT PLUG FANS**

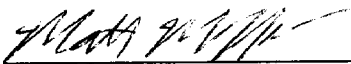
and executed a United States patent application filed herewith.

WHEREAS, DELL PRODUCTS L.P., a Texas limited partnership having a place of business at One Dell Way, Round Rock, TX 78682-2244 (hereinafter called DELL), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

NOW, THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to DELL, its successors and assigns, the entire right, title, and interest in the application and invention therein disclosed for the United States and foreign countries, to and under the said improvements, and the said application and all divisional, renewals, continuing applications thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to DELL its successors and assigns; and we hereby agree that DELL may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by DELL.

(1) Signed By:   
Eric Wobig

4-4-02  
Date

Witnessed By:   
Name: Matt McIniffe

4/4/02  
Date

**PATENT**

DOCKET NUMBER: 16356.694

CLIENT REFERENCE NUMBER: DC-03368

CUSTOMER NO.: 000027683

(2)

Signed By:

Alex Z. Rodriguez  
Alex Z. Rodriguez

4/04/02  
Date

Witnessed By:

Matt McGuff  
Name: Matt McGuff

4/4/02  
Date

A-128639.1

RECORDED: 04/23/2002

**PATENT**

REEL: 012820 FRAME: 0088