

9127110



09-29-2010



103607971

To the Director of the U.S. Patents and Tr.

ents or the new address(es) below.

1. Name of conveying party(ies):

Gurmeet Bhutani; Cheng-Kuo Wang; Hung-Pin Chien; Li-Chung Liu; Tien Hsiang Wu

Additional name of conveying party(ies) attached? ☐ Yes ☐ No**3. Nature of conveyance:**Execution Date(s) **August 13, 2010; August 13, 2010; August 16, 2010; August 16, 2010; August 16, 2010**

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other _____

2. Name and address of receiving party(ies)Name: Dell Products, L.P.

Internal Address: _____

Street Address: One Dell WayCity: Round RockState: TexasCountry: U.S.A. Zip: 78682Additional Name(s) & address(es) attached? ☐ Yes ☐ No**4. Application number(s) or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/804,826 filed July 29, 2010

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No**5. Name and address of party to whom correspondence concerning this document should be mailed:**Name: William W. EndersInternal Address: O'Keefe, Egan, Peterman & Enders, LLPStreet Address: 1101 Capital Of Texas Highway SouthSuite C200City: AustinState: Texas Zip: 78746Phone Number: 512-347-1611Fax Number: 512-347-1615

Email Address: _____

6. Total number of applications and patents involved: _____**7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
- ☐ Authorized to be charged to deposit account
- ☒ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment Informationa. Credit Card Last 4 Numbers: _____
Expiration Date: _____b. Deposit Account Number 10-1205/DELL:125Authorized User Name William W. Enders**9. Signature:**

Signature

William W. Enders

9/20/2010
Date

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

3

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I

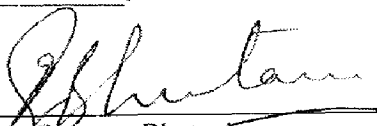
Gurmeet Bhutani	of	Mohali, India
Cheng-Kuo Wang	of	HsinChu City, Taiwan
Hung-Pin Chien	of	Bancaio Taipei, Taiwan
Li-Chung Liu	of	Zhongli City, Taiwan
Tien Hsiang Wu	of	Taipei, Taiwan

hereby sell, assign and transfer to Dell Products L.P., a Texas Limited Partnership, having a place of business at One Dell Way, Round Rock, Texas 78682-2244, its successors and assigns, the entire right, title and interest throughout the world in my invention in:


**DUAL OPERATION CENTRIFUGAL FAN APPARATUS AND METHODS OF
USING SAME**

for which I have executed a United States patent application, Serial No. 12/804,826; filed July 29, 2010, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 13th day of Aug, 2010.


Gurmeet Bhutani

Executed this 13 day of August, 2010.


Cheng-Kuo Wang

Executed this 16th day of August, 2010.

Hung-Pin Chien
Hung-Pin Chien

Executed this 16th day of August, 2010.

Li-Chung Liu
Li-Chung Liu

Executed this 16th day of August, 2010.

Tien Hsiang Wu
Tien Hsiang Wu