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original documents or copy thereof.

19270 U.S. PTO  
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1. Name of conveying party(ies):

David M. Pereira

7-9-04

2. Name and address of receiving party(ies)

Name: Dell Products L.P.

Internal Address: \_\_\_\_\_

Street Address: One Dell Way

City: Round Rock State: TX Zip: 78682

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

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 7/01/2004

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: 7/7/2004

10888469

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

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

Name: David L. McCombs

Internal Address: Haynes and Boone, L.L.P.

Street Address: 901 Main Street, Suite 3100

City: Dallas State: TX Zip: 75202-3789

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:

08-1394

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9. Signature.

James R. Bell, Reg. No. 26,528

Name of Person Signing

Signature

7-9-04

Date

Total number of pages including cover sheet, attachments, and documents:  3

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment, Commissioner of Patent, P.O. Box 1450  
Alexandria, VA 22313-1450

**ASSIGNMENT**

WHEREAS, I,

David Pereira

City of Austin  
State of Texas

have invented certain improvements in a

**COMPUTER SYSTEM FOR ENABLING AN OPTICAL DRIVE TO SELF-TEST  
ANALOG AUDIO SIGNAL PATHS WHEN NO DISC IS PRESENT**

and executed a continuation 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 (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, I, the above named, hereby acknowledge my 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 divisionals, 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 all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and I 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 I hereby agree that DELL may apply for foreign Letters Patent on the invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by DELL.

**PATENT**

DOCKET NUMBER: 16356.883

CLIENT REFERENCE NUMBER: DC-03043A

CUSTOMER NO.: 000027683

Signed By: David M Pereira 7/1/04  
David Pereira Date

Witnessed By: Behrouz Rasoulian 7/01/04  
Date  
Name: BEHROUZ RASOULIAN