

RE: 09-24-2004

9-15-04

Atty Ref/Docket No.: 1939.048US1



Patent and Trademark Office

To the Honorable Commissioner of Patents, 102843746, and original documents or copy thereof.

1. Name of conveying party(ies): Michael R. Greer and Arthur R. Piehl
 Additional name(s) of conveying party(ies) attached? []Yes [X]No
 3. Nature of conveyance:
 Assignment [] Merger
 Security Agreement [] Change of Name
 Other
 Execution Date: September 9, 2004, September 13, 2004

2. Name and address of receiving party(ies):
 Name: Hewlett-Packard Development Company, L.P.
 Street Address: 20555 SH 249
 City: Houston State: TX Zip: 77070
 Additional name(s) & address(es) attached? []Yes [X]No

22387 U.S. PTO
 10/941267
 091504

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: September 9, 2004, September 13, 2004, 09-09-2004 and 09-13-2004

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? []Yes [X]No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Bradley A. Forrest
 Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Please charge any additional fees or credit any over payments to our Deposit account number:19-0743

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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.

Bradley A. Forrest/Reg. No. 30,837
 Name of Person Signing

Bradley A. Forrest 9/15/2004
 Signature Date

Total number of pages including cover sheet: 4

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Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, We, Michael Greer, residing at 3435 NW Grant Avenue, Corvallis, OR 97330, and Arthur R. Piehl, residing at 2704 NW 13th, Corvallis, OR 97330, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on even date herewith, which is entitled DISPLAY DEVICE;

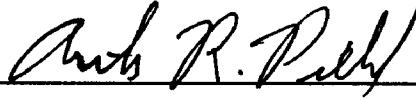
AND WHEREAS, Hewlett-Packard Development Company, L.P., a corporation organized and existing under and by virtue of the laws of the State of Texas, and having an office and place of business at 20555 SH 249, Houston, TX 77070 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13 day of

Sept, 2004.



Arthur R. Piehl

STATE OF _____)

)ss

COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared Arthur R. Piehl, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public
