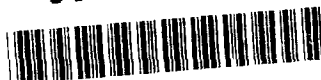


09-24-2004

9-15204

To the Honorable Commissioner of Patents

102844519

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Richard Dickert Powers, David Matthew Bellia, Stephen J. Silva, Ryan Lee Weaver and Guy Lowell Kuntz

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: August 30, 2004, August 27, 2004, September 9, 2004, September 8, 2004, September 8, 2004

2. Name and address of receiving party(ies):

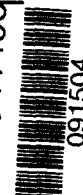
Name: Hewlett-Packard Development Company, L.P.

Street Address: 20555 SH 249

City: Houston State: TX Zip: 77070

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

22154 U.S. P. 10/941433



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: August 30, 2004, August 27, 2004, September 8, 2004, September 8, 2004, September 8, 2004, 08-30-2004, 08-27-2004, 09-08-2004, 09-08-2004, 09-08-2004

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 554026. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00

[X] 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**DO NOT USE THIS SPACE**

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

Signature

9/15/2004

Date

09/23/2004 ECOOPER 00000151 10941433

01 FCT8021

40.00 DP

Total number of pages including cover sheet: 19

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, Richard Dickert Powers, residing at 2985 Hillside Drive, Highland Village, TX 75077, and David Matthew Bellia, residing at 302 Canyon Springs Drive, Allen, TX 75002, and Stephen J. Silva, residing at 1425 Beech Ct., Fort Collins, CO 80521, and Ryan Lee Weaver, residing at 304 Sumatra Drive, Sacramento, CA 95838, and Guy Lowell Kuntz, residing at 3411 Keefer Road, Chico, CA 95973, 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 NETWORK GRAPH FOR ALTERNATE ROUTES:

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.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2004.

Richard D. Powers

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared Richard D. Powers, 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2004.

David M. Bellia

STATE OF _____)
)ss
COUNTY OF _____)

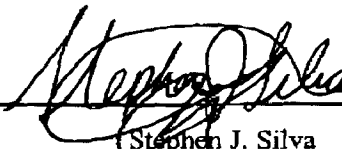
On this _____ day of _____, 2004 before me personally appeared David M. Bellia, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

Docket No: 1939.042US1
Serial Number : Not Assigned
Filing Date : even date herewith
Page 4 of 6

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of
September, 2004.



Stephen J. Silva

STATE OF Colorado)
)ss
COUNTY OF Larimer)

On this _____ day of _____, 2004 before me personally appeared Stephen J. Silva, 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2004.

Ryan L. Weaver

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared Ryan L. Weaver, 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2004.

Guy L. Kuntz

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared Guy L. Kuntz, 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

ASSIGNMENT

WHEREAS, We, Richard Dickert Powers, residing at 2985 Hillside Drive, Highland Village, TX 75077, and David Matthew Bellia, residing at 302 Canyon Springs Drive, Allen, TX 75002, and Stephen J. Silva, residing at 1425 Beech Ct., Fort Collins, CO 80521, and Ryan Lee Weaver, residing at 304 Sumatra Drive, Sacramento, CA 95838, and Guy Lowell Kuntz, residing at 3411 Keefer Road, Chico, CA 95973, 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 NETWORK GRAPH FOR ALTERNATE ROUTES;

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.

Docket No: 1939.042US1
Serial Number : Not Assigned
Filing Date : even date herewith
Page 2 of 6

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.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of AUGUST, 2004.


Richard D. Powers

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared Richard D. Powers, 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

Docket No: 1939.042US1
Serial Number : Not Assigned
Filing Date : even date herewith
Page 3 of 6

IN TESTIMONY WHEREOF, I have hereunto set my hand this 27 day of

August, 2004.

David M Burke

David M. Bellia

STATE OF _____)
)ss.
COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared David M. Bellia, 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

Docket No: 1939-012US1
Serial Number : Not Assigned
Filing Date : even date herewith
Page 4 of 6

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2004.

Stephen J. Silva

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared Stephen J. Silva, 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

Docket No: 1939.042US1
Serial Number : Not Assigned
Filing Date : even date herewith
Page 5 of 6

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2004.

Ryan L. Weaver

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared Ryan L. Weaver, 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

Docket No: 1939.042US1
Serial Number : Not Assigned
Filing Date : even date herewith
Page 6 of 6

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2004.

Guy L. Kuntz

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared Guy L. Kuntz, 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

ASSIGNMENT

WHEREAS, We, Richard Dickert Powers, residing at 2985 Hillside Drive, Highland Village, TX 75077, and David Matthew Bellia, residing at 302 Canyon Springs Drive, Allen, TX 75002, and Stephen J. Silva, residing at 1425 Beech Ct., Fort Collins, CO 80521, and Ryan Lee Weaver, residing at 304 Sumatra Drive, Sacramento, CA 95838, and Guy Lowell Kuntz, residing at 3411 Keefer Road, Chico, CA 95973, 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 NETWORK GRAPH FOR ALTERNATE ROUTES;

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.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

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

_____, 2004.

Richard D. Powers

STATE OF _____)

)ss

COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared Richard D. Powers, 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2004.

David M. Bellia

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared David M. Bellia, 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of
_____, 2004.

Stephen J. Silva

STATE OF _____)

)ss


COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared Stephen J. Silva, 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8th day of September, 2004.


Ryan L. Weaver

STATE OF _____)
)ss
COUNTY OF _____)


On this _____ day of _____, 2004 before me personally appeared Ryan L. Weaver, 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8 day of

September, 2004.


Guy L. Kuntz

STATE OF _____)

)SS

COUNTY OF _____)

On this _____ day of _____, 2004 before me personally appeared Guy L. Kuntz, 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