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| Robert Alan COCHRAN | | Fort Collins, Colorado 80527-2400 |
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| Additional name(s) of conveying party(i | es) attachedYes _X_ No | Additional name(s) & address(es) attached?YesX No |
| 3. Nature of Conveyance: | | |
| X Assignment | Merger | Change of Name |
| Security Agreement | Other | |
| Execution Date(s): January 8, 2 | 002 | |
| 4. Application number(s) or pate | ent number(s): | |
| If this document is being filed t | ogether with a new applic | cation, execution date of the application is: |
| A. Patent Application No.(s) | | B. Patent No.(s) |
| Application No.: | Date Filed: 1/1 | 1/02 |
| Confirmation No.: | Additional numbe | ers attached? NO |
| 5. Name and address of party to concerning document should | whom correspondence be mailed: | 6. Total number of applications and patents involved: |
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| | () () | l) (/L |
| Donald J. Daley Name of Person Signing | Signature | Jan 11, 2002 |
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PATENT REEL: 012490 FRAME: 0084

PATENT APPLICATION ATTORNEY DOCKET NO. 10015699-1

Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

| REMOTE MIRRORED DISK PAIR RESYNCHRONIZATION MONITOR | | | | |
|--|---|--|--|--|
| Filing date: | Application No.: | | | |
| continuations-in-part (C-I-P's), division Letters Patent, and any and all Letters | rement(s) set forth therein, and any and all continuations, onals, and renewals of and substitutes for said application for said ters Patent of the United States and of countries foreign thereto erefor; and any reissues, or reexaminations, or extensions of said | | | |
| to be held and enjoyed by HP, its sud of the term or terms for which said | file applications in my/our name for Letters Patent in any country, ccessors, assigns, nominees or legal representatives, to the full end Letters Patent respectively may be granted, reissued or extended, uld have been held and enjoyed by me/us had this assignment, and | | | |
| and that I/we have not executed as further covenant and agree that I/we execute and deliver all such papers invention(s) or improvement(s), said nominees or legal representatives, as facts respecting said invention(s) or in any legal proceedings, to sign continuations, C-I-P's, reissue and for generally to do everything possible representatives to obtain and enforcements. | If I/we have full right to convey the entire interest herein assigned, and will not execute any agreement in conflict herewith, and I/we will, each time a request is made, and without undue delay, is as may be necessary or desirable to perfect the title to said application and said Letters Patent, to HP, its successors, assigns, and I/we agree to communicate to HP, or to its nominee, all known improvement(s), said application and said Letters Patent, to testify all lawful papers, to execute all disclaimers and divisionals, preign applications, to make all rightful oaths and declarations, and ble to aid HP, its successors, assigns, nominees and legative, for its or their own benefit, proper patent protection for said and all countries provided the expenses which may be incurred by and assistance are paid by HP; | | | |
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| application now identified by the atto | ot HP attorneys to insert the serial number and filing date of said orney docket number and title set forth above as soon as the same on by the United States Patent and Trademark Office. | | | |
| IN WITNESS WHEREOF, I/we he | reunto set my/our hand(s) and seal(s): | | | |
| Inventor's Signature (Seal) | Date Assignment Signed: $0/-08-02$ | | | |
| Inventor's Typed Name: Mathias POPP | Date Application Signed: | | | |
| State of) | | | | |
| County of |) ss.: | | | |
| | , personally appeared <u>Mathias POPP</u> who | | | |
| | basis of satisfactory evidence to be the person who acknowledged the foregoing | | | |
| | Notary Public | | | |

PATENTE 1 of 2

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|--|--------------|--|--|
| Inventor's Signature (Seal) | | Date Assignment Signed: | 01-8-02 |
| - , , | | | |
| Inventor's Typed Name: The Thanh Phan | | Date Application | on Signed: |
| State of |)) ss.: | | |
| County of |) | | |
| Before me this day of is personally known or proved to me on instrument of assignment to be his/her fre | the basis o | f satisfactory evidence to be the | Thanh Phan who person who acknowledged the foregoing |
| | | | Notary Public My commission expires: |
| Inventor's Signature (Seal) | | Date Assignment Signed: | 01-08-02 |
| Inventor's Typed Name: Robert Alan Cochran | | Date Application Signed: | |
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| Before me this day of is personally known or proved to me on instrument of assignment to be his/her free | the basis of | satisfactory evidence to be the | Alan Cochran who person who acknowledged the foregoing |
| | | | Notary Public |
| | | | My commission expires: |
| Inventor's Signature (Seal) | | Date Assignment Signed: | |
| Inventor's Typed Name: | | Date Application | n Signed: |
| State of |) | | |
| County of |) ss.:) | | |
| Before me this day of is personally known or proved to me on t instrument of assignment to be his/her free | he basis of | _, personally appearedsatisfactory evidence to be the d. | person who acknowledged the foregoing |
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(Use Page Three For Additional Inventor(s) Signature(s))

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