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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| Carl T. Madison | 09/18/2012 |
| Timothy C. Ostwald | 09/17/2012 |

RECEIVING PARTY DATA

| Name: | ORACLE INTERNATIONAL CORPORATION |
|-----------------|----------------------------------|
| Street Address: | 500 Oracle Parkway |
| City: | Redwood City |
| State/Country: | CALIFORNIA |
| Postal Code: | 94065 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13622607 |

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Susan Shepherd

Total Attachments: 2

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PATENT REEL: 028988 FRAME: 0488 CH \$40.00 136

| Attorney Docket Number | ORA 121006 PUS |
|------------------------|----------------|

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

| Title of Invention | APPARATUS AND METHOD FOR CONTROLLING TAPE MOVEMENT IN A ROTARY HEAD DATA STORAGE AND RETRIEVAL SYSTEM |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| As a below named inver | ntor, I hereby declare that: |
| This declaration is directed to: | |
| ⊠ The a | ttached application, or |
| □ Unite | d States application or PCT international application number filed on |
| The above-identified ap | plication was made or authorized to be made by me. |
| I believe that I am the o | riginal inventor or an original joint inventor of a claimed invention in the application. |
| I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above. | |
| I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. | |
| NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, <u>Carl T. Madison</u> of 8906 Gander Valley Ln., Windsor, Colorado 80550 do hereby assign, sell and set over to <u>ORACLE INTERNATIONAL CORPORATION</u> , a corporation organized and existing under the laws of the state of <u>California</u> , and having a place of business at <u>500 Oracle Parkway</u> , Redwood City, California 94065, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified application including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications. | |
| applications for Letters | myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including Patent of any and all kinds and in any and all countries and to perform any and all acts which said ors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, |
| And I hereby represent | and warrant that I have not granted any rights inconsistent with the rights granted herein. |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both. | |
| LEGAL NAME OF IN | |
| Inventor: Carl T. N | Madison Date: Sept 18, ZO12 |
| Signature: De Il Maline | |
| Note: An Application Da additional declaration form | ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an a for each additional inventor. |

PATENT REEL: 028988 FRAME: 0489

| Attorney Docket Number | ORA 121006 PUS |
|------------------------|----------------|

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

| Title of Invention | APPARATUS AND METHOD FOR CONTROLLING TAPE MOVEMENT IN A ROTARY HEAD DATA STORAGE AND RETRIEVAL SYSTEM |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| As a below named invent | or, I hereby declare that: |
| This declaration is directed | ed to: |
| ☐ The att | ached application, or |
| | States application or PCT international application number filed on |
| The above-identified app | lication was made or authorized to be made by me. |
| I believe that I am the ori | ginal inventor or an original joint inventor of a claimed invention in the application. |
| | re reviewed and understand the contents of the above-identified specification, including the claims, as tent specifically referred to above. |
| continuation-in-part appl | to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for ications, material information which became available between the filing date of the prior application and national filing date of the continuation-in-part application. |
| 9251 Valmont Road, B CORPORATION, a co at 500 Oracle Parkway other legal representative above-identified applicat applications and to receiv or names, or in my name other legal representative | r good and valuable consideration, receipt of which is hereby acknowledged, I, <u>Timothy C. Ostwald</u> of <u>oulder, Colorado 80301</u> do hereby assign, sell and set over to <u>ORACLE INTERNATIONAL</u> reportation organized and existing under the laws of the state of <u>California</u> , and having a place of business v. <u>Redwood City, California 94065</u> , hereinafter referred to as the ASSIGNEE, its successors, assigns or es, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the ion including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make be Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or es, all rights of priority, including any provisional applications, in and to said inventions and discoveries in applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, he applications. |
| applications for Letters | nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including Patent of any and all kinds and in any and all countries and to perform any and all acts which said rs, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, |
| And I hereby represent ar | nd warrant that I have not granted any rights inconsistent with the rights granted herein. |
| | nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or e than five (5) years or both. |
| LEGAL NAME OF INV | ENTOR |
| Inventor: Timothy C | C. Ostwald Date: 9-17-2012 |
| Note: An Application Data | a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an |

RECORDED: 09/19/2012

PATENT REEL: 028988 FRAME: 0490