Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| Audrey Jill R. Abrantes | 07/16/2007 |
| Cesar O. Adawag | 07/16/2007 |
| Vivencio O. Bernardio | 07/16/2007 |
| Gene K. Javier | 07/17/2007 |
| Edgardo G. Patajo | 07/26/2007 |

RECEIVING PARTY DATA

| Name: | HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V. |
|-----------------|--|
| Street Address: | Locatellikade 1, Parnassustoren |
| City: | Amsterdam |
| State/Country: | NETHERLANDS |
| Postal Code: | 1076 AZ |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11894330 |

CORRESPONDENCE DATA

Fax Number: (831)722-2350

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 408-377-0500

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Correspondent Name: Wagner Blecher LLP
Address Line 1: 123 Westridge Drive

Address Line 4: Watsonville, CALIFORNIA 95076

| ATTORNEY DOCKET NUMBER: | HSJ920070051US1 | |
|-------------------------|-----------------|--|
| NAME OF SUBMITTER: | Desiree Chavez | |

PATENT REEL: 019859 FRAME: 0675

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Total Attachments: 5

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PATENT

REEL: 019859 FRAME: 0676

US Department of Commerce Patent & Trademark Office

| TAMENTOD | Whereas, we | | |
|-----------------------|---|---|---|
| INVENTOR AND CITY | (1) Audrey Jill R. ABRANTES, (2) Cesar O. ADAWAG, Taguig C. (3) Vivencio O. BERNARDIO, Lac (4) Gene K. JAVIER, Las Pinas (5) Eduardo G. PATAJO, Mandalu | ity, Philippines guna, Philippines City, Philippines | |
| | have invented certain improvemen | ts in | , |
| TITLE | SENDING TIME-SENSITIVE INFORM | ATION VIA A SHORT MESSAGE SERVICE | |
| .DATES THAT INVENTORS | and executed, respectively, a Un | ited States patent application therefor | re on |
| SIGNED THE | (1) July 16, 2007 (2) (3 |)(4)(5) | |
| | business at Locatellikade 1, Par (hereinafter called HITACHI), de | RAGE TECHNOLOGIES NETHERLANDS B.V., hav nassustoren, 1076 AZ Amsterdam, The Net sires to acquire the entire right, titl ntion, and to any United States and for | herlands e and interest |
| | acknowledged, we, the above name successors and assigns, the enti and invention therein disclosed rights of priority resulting from request the Commissioner of Paterinventions set forth in said app. We hereby agree that HITACHI may | le consideration, receipt whereof is he d, hereby sell, assign, and transfer to re right, title and interest in the sai for the United States and foreign count in the filing of said United States applied to issue any Letters Patent granted lication to HITACHI, its successors and apply for foreign Letters Patent on said ecessary in connection with the United upon to do so by HITACHI. | HITACHI, its d application ries, and all ication, and we upon the assigns; and id invention |
| | Signed | | |
| CITY DATE | (1)at Calamba City, Philippines on July 16,2007, | /Audrey Jill R. Abrantes/ Audrey Jill R. ABRANTES | _SIGNATURE |
| CITY | (2) at,2007, | Cesar O. ADAWAG | _SIGNATURE |
| CITY | (3) at | Vivencio O. BERNARDIO | _SIGNATURE |
| DATE | on,2007, | VIVERCIO U. BEKNAKDIU | |
| CITY DATE | (4) at,2007, | Gene K. JAVIER | _SIGNATURE |
| CITY DATE | (5) at,2007, | Eduardo G. PATAJO | _SIGNATURE |

US Department of Commerce Patent & Trademark Office

| INVENTOR AND CITY | (1) Audrey J. ABRANTES, Cala (2) Cesar O. ADAWAG, Taguig (3) Vivencio O. BERNARDIO, L (4) Gene K. JAVIER, Las Pina (5) Eduardo G. PATAJO, Manda have invented certain improvement | City, Philippines aguna, Philippines s City, Philippines luyong City, Philippin | nes | |
|----------------------|--|--|---|--|
| TITLE | SENDING TIME-SENSITIVE INFO | RMATION VIA A SHORT ME | SSAGE SERVICE | • |
| DATES THAT INVENTORS | and executed, respectively, a (| Jnited States patent app | lication therefore | on |
| SIGNED THE | (1) (2) July 16, 2007 | (3)(4) | (5) | |
| | Whereas, HITACHT GLOBAL ST business at Locatellikade 1, Pa (hereinafter called HITACHI), of in the said application and involve be obtained therefore; Now therefore, for a valua acknowledged, we, the above name successors and assigns, the ent and invention therein disclosed | arnassustoren, 1076 AZ Adesires to acquire the execution, and to any Uniteration, and to any Uniteration, recented, hereby sell, assignation right, title and interaction. | msterdam, The Neth- ntire right, title ed States and fore ipt whereof is here , and transfer to terest in the said | erlands and interest ign patents to eby HITACHI, its application |
| · | rights of priority resulting fr request the Commissioner of Pat inventions set forth in said ap we hereby agree that HITACHI ma and we will execute all papers foreign applications when calle | com the filing of said United to issue any Letter oplication to HITACHI, it apply for foreign Letter necessary in connection | nited States applic rs Patent granted to ts successors and a ters Patent on said with the United St | cation, and we upon the assigns; and invention |
| CITY | (1) at | | | SIGNATURE |
| DATE | on,2007, | Audrey J. ABRANTES | | |
| CITY DATE | (2) at <u>Taguig</u> on <u>July 16, 2007</u> | _/Cesar O. Adawag/ Cesar O. ADAWAG | | SIGNATURE |
| CITY | (3) at <u>. </u> | | · | SIGNATURE |
| DATE | on,2007, | Vivencio O. BERNARD | | |
| | | | | |
| CITY | (4) at,2007, | Gene K. JAVIER | | SIGNATURE |
| | | | | |
| CITY | (5) at,2007, | Eduardo G. PATAJO | | SIGNATURE |
| | ,, | | | |

US Department of Commerce Patent & Trademark Office

| INVENTOR AND CITY | Whereas, we (1) Audrey J. ABRANTES, Calar (2) Cesar O. ADAWAG, Taguig ((3) Vivencio O. BERNARDIO, La (4) Gene K. JAVIER, Las Pinas (5) Eduardo G. PATAJO, Mandal | City, Philippines aguna, Philippines s City, Philippines | |
|---------------------------------|---|--|--|
| | have invented certain improveme | nts in | |
| TITLE | SENDING TIME-SENSITIVE INFOR | MATION VIA A SHORT MESSAGE SERVICE | |
| DATES THAT INVENTORS SIGNED THE | | nited States patent application therefo | re on |
| | Whereas, HITACHI GLOBAL STO business at Locatellikade 1, Par (hereinafter called HITACHI), do in the said application and inve be obtained therefore; Now therefore, for a valual acknowledged, we, the above name successors and assigns, the entrand and invention therein disclosed rights of priority resulting from request the Commissioner of Pate inventions set forth in said approximations set forth in said approximation. | ORAGE TECHNOLOGIES NETHERLANDS B.V., had reassustoren, 1076 AZ Amsterdam, The New estres to acquire the entire right, title ention, and to any United States and for the consideration, receipt whereof is held, hereby sell, assign, and transfer to act in the same for the United States and foreign country of the United States and foreign country to its in the same sents to issue any Letters Patent granted polication to HITACHI, its successors and apply for foreign Letters Patent on same secessory in connection with the United | therlands le and interest reign patents to ereby HITACHI, its id application tries, and all lication, and we d upon the d assigns; and aid invention |
| CITY DATE | Signed (1) at,2007, | Audrey J. ABRANTES | SIGNATURE |
| CITY | (2) at,2007, | Cesar O. ADAWAG | SIGNATURE |
| CITY DATE | (3) at Biñan on July 16, 2007, | /Vivencio O. Bernardio/ Vivencio O. BERNARDIO | SIGNATURE |
| CITY DATE | (4) at,2007, | Gene K. JAVIER | SIGNATURE |
| CITY DATE | (5) at,2007, | Eduardo G. PATAJO | SIGNATURE |

US Department of Commerce Patent & Trademark Office

| INVENTOR AND CITY | (1) Audrey J. ABRANTES, Cala (2) Cesar O. ADAWAG, Taguig (3) Vivencio O. BERNARDIO, I (4) Gene K. JAVIER, Las Pina (5) Eduardo G. PATAJO, Manda | City, Philippines Laguna, Philippines Ls City, Philippines Lluyong City, Philippines | |
|----------------------|--|--|---|
| | _ | | _ |
| TITLE | SENDING TIME-SENSITIVE INFO | RMATION VIA A SHORT MESSAGE SERVICE | <u> </u> |
| DATES THAT INVENTORS | | United States patent application there | fore on |
| SIGNED THE | (1)(2)(3) | (4)July 17, 2007 (5) | |
| | business at Locatellikade 1, Pa (hereinafter called HITACHI), o | PORAGE TECHNOLOGIES NETHERLANDS B.V., harnassustoren, 1076 AZ Amsterdam, The Malesires to acquire the entire right, to rention, and to any United States and to | Wetherlands |
| | acknowledged, we, the above name successors and assigns, the entering invention therein disclosed rights of priority resulting from the commissioner of Patinventions set forth in said at we hereby agree that HITACHI materials. | able consideration, receipt whereof is med, hereby sell, assign, and transfer tire right, title and interest in the self for the United States and foreign control to the filing of said United States are tents to issue any Letters Patent grant oplication to HITACHI, its successors any apply for foreign Letters Patent on necessary in connection with the United upon to do so by HITACHI. | to HITACHI, its said application untries, and all oplication, and we sed upon the and assigns; and said invention |
| | Signed | | |
| CITY | (1) at | | SIGNATURE |
| DATE | (1) at,2007, | Audrey J. ABRANTES | SIGNATORE |
| | | | |
| CITY | (2) at | | SIGNATURE |
| DATE | on,2007, | Cesar O. ADAWAG | |
| | | | |
| CITY | (3) at | | SIGNATURE |
| DATE | on,2007, | Vivencio O. BERNARDIO | O TOWAL OIVE |
| | • | | |
| CITY | (4) at Las Pinas | /Come Warmath H. Turnian/ | O T ON A PRINT |
| DATE | on July 17,2007, | /Gene Kenneth F. Javier/ Gene Kenneth F. JAVIER | SIGNATURE |
| | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Conc Remiech F. DAVIER | |
| GTMV. | 45) | | |
| CITY | (5) at | Educada G. Dama 30 | SIGNATURE |
| DATE | on,2007, | Eduardo G. PATAJO | • |

US Department of Commerce Patent & Trademark Office

to

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ASSIGNMENT

| TMTEMMOD | Whereas, we | | | |
|---------------------------------------|---|---|---|--|
| INVENTOR AND CITY | (2) Cesar O. ADAWAG, Tagui(3) Vivencio O. BERNARDIO,(4) Gene Kenneth F. JAVIER | | | |
| | have invented certain improve | ements in | | |
| TITLE | SENDING TIME-SENSITIVE INFORMATION VIA A SHORT MESSAGE SERVICE | | | |
| DATES THAT INVENTORS SIGNED THE | | United States patent application th | | |
| | Whereas, HITACHI GLOBAL business at Locatellikade 1, (hereinafter called HITACHI), | STORAGE TECHNOLOGIES NETHERLANDS B.V. Parnassustoren, 1076 AZ Amsterdam, T. desires to acquire the entire right.nvention, and to any United States a | 7., having a place of the Netherlands to title and interest | |
| | acknowledged, we, the above resuccessors and assigns, the eand invention therein discloss rights of priority resulting request the Commissioner of Finventions set forth in said we hereby agree that HITACHI and we will execute all paper | uable consideration, receipt whereof amed, hereby sell, assign, and transentire right, title and interest in the defence of the United States and foreign from the filing of said United States at a state of the defence of the United States and Letters Patent of application to HITACHI, its successor may apply for foreign Letters Patent's necessary in connection with the United Upon to do so by HITACHI. | efer to HITACHI, its the said application of countries, and all es application, and we granted upon the ors and assigns; and to on said invention | |
| | Signed | | | |
| CITY DATE | (1) at,2007, | Audreyjill R. ABRANTES | SIGNATURE | |
| CITY DATE | (2) at,2007, | Cesar O. ADAWAG | SIGNATURE | |
| CITY DATE . | (3) at,2007, | Vivencio O. BERNARDIO | SIGNATURE | |
| CITY DATE | (4) at,2007, | Gene Kenneth F. JAVIER | SIGNATURE | |
| CITY DATE | (5) at <u>Mandaluyong</u> on <u>July 26,2007</u> , | /Edgardo G. Patajo/ Edgardo G. PATAJO | SIGNATURE | |
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Page 1 of 1