PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| CHUNG-CHEN PENG | 11/06/2013 |
| TSUNG-WEI LAI | 10/31/2013 |
| MING-CHAO LEE | 10/31/2013 |
| CHI-NAN LIN | 10/31/2013 |
| YI-CHIH CHOU | 11/19/2013 |
| YU-CHI HUANG | 11/10/2013 |
| JIAN-CHAU HUANG | 10/31/2013 |
| SHANG-CHE CHEN | 10/31/2013 |
| HAN-KUAN YU | 10/31/2013 |
| SHIH-PING LIN | 10/31/2013 |

RECEIVING PARTY DATA

| Name: | HTC CORPORATION |
|-----------------|------------------------------|
| Street Address: | NO.23, XINGHUA RD. |
| City: | TAOYUAN CITY, TAOYUAN COUNTY |
| State/Country: | TAIWAN |
| Postal Code: | 330 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14075512 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 0941-2723PUS2

NAME OF SUBMITTER: TUYEN LY

PATENT

502783424 REEL: 032759 FRAME: 0024

| SIGNATURE: | /tuyen ly/ |
|--|------------|
| DATE SIGNED: | 04/24/2014 |
| Total Attachments: 4 | |
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| source=2014-04-25-ASSIGNMENT-0941-2723PUS2#page3.tif | |
| source=2014-04-25-ASSIGNMENT-0941-2723PUS2#page4.tif | |

PATENT REEL: 032759 FRAME: 0025

| Executed on: <u>10/31/2013</u> ; <u>11/06/2013</u> ; <u>11/10/2013</u> | DANG, Shang-Che CHEN, Dertain new and useful improvements ion for United States Letters Patent: IN AN ELECTRONIC DEVICE 14/075,512 ; 11/19/2013; |
|--|---|
| WHEREAS, HTC Corporation of No.23, X Taoyuan County 330, Taiwan (R.O.C.) herei desirous of acquiring ASSIGNOR'S interest in the said U.S. Letters Patent which may be granted on the same; | nafter referred to as ASSIGNEE, is |
| NOW, THEREFORE, TO ALL WHOM IT MAY good and valuable consideration, receipt of which is Assignor has/have sold, assigned and transferred, and be and transfer unto the said Assignee, and Assignee's such rights, title and interest in and to the said invention improvements thereon, and in and to any Letters Patent the same in the United States, the said interest to be he fully and exclusively as it would have been held and Assignment and transfer not been made, to the full end a may be granted thereon, or of any division, renewal, substitution, conversion, reissue, prolongation or extension | hereby acknowledged by Assignor, by these presents does/do sell, assign accessors and assigns, all his/her/their on and application and all future which may hereafter be granted on all and enjoyed by said Assignee as enjoyed by said Assignor had this and term of any Letters Patent which continuation in whole or in part, |
| Assignor further agrees/agree that he/she/the Assignee, but at Assignee's expense, cooperate with application and/or applications, execute, verify, acknown papers, including applications for Letters Patent and for of assignment and transfer thereof, and will perform such request, to obtain or maintain Letters Patent for said invitible thereto in said Assignee, or Assignee's successors and | Assignee in the prosecution of said wledge and deliver all such further the reissue thereof, and instruments to other acts as Assignee lawfully may ention and improvement, and to vest d assigns. |
| IN TESTIMONY WHEREOF, Assignor has/have date(s) indicated. | signed his/her/their name(s) on the |
| Chung-Chen, Peng Chung-Chen PENG | 2013/11/6 Date |
| Tsung-Wei LAI | Date |
| Ming-Chao LEE | Date |

Page 1 of 4

| Chi-nam Lin | 2013/10/3/ |
|------------------------------------|---------------------|
| Chi-Nan LIN | Date |
| M-Chih Chay | 2013/11/19 |
| Yi-Chih CHOU | Date |
| | |
| Yu-Chi HUANG | Date |
| Jian Chau Huang Jian-Chau HUANG | 2013/10/31 |
| Jian-Chau HUANG (/ | Date |
| Shang-Che Chen | 2013/10/3 |
| Shang-Che CHEN | Date |
| Kombuen Yu | 2013/10/31 |
| Han-Kuan YU | Date |
| Ship-Ping IIN / Low | <u>>0/3/6/3/</u> |

| WHEREAS, Chung-Chen PENG, Tsung-Wei LAI, | Ming-Chao LEE, Chi-Nan LIN. |
|---|--|
| Yi-Chih CHOU, Yu-Chi HUANG, Jian-Chau H | JANG, Shang-Che CHEN, |
| Han-Kuan YU, and Shih-Ping LIN hereafter referred to as ASSIGNOR, has/have invented to | |
| hereafter referred to as ASSIGNOR, has/have invented of | certain new and useful improvements |
| as described and set forth in the below identified applica- | non for United States Letters Patent: |
| Title: METHODS FOR APPLICATION MANAGEMENT SUPPORTING HARDWARE ACCELERATION | r in an electronic device |
| | 14/075,512 |
| Filed: 11/08/2013 Serial No. Executed on: 10/31/2013; 11/06/2013; 11/10/201 | 13; 11/19/2013; |
| | |
| WHEREAS, HTC Corporation of No. 23, X Taoyuan County 330, Taiwan (R.O.C.) herei | *************************************** |
| desirous of acquiring ASSIGNOR'S interest in the said | |
| U.S. Letters Patent which may be granted on the same; | and the apparent of the stay |
| | |
| NOW, THEREFORE, TO ALL WHOM IT MAY | |
| good and valuable consideration, receipt of which is | |
| Assignor has/have sold, assigned and transferred, and be and transfer unto the said Assignee, and Assignee's suc | |
| rights, title and interest in and to the said inventi | |
| improvements thereon, and in and to any Letters Patent | |
| the same in the United States, the said interest to be he | eld and enjoyed by said Assignee as |
| fully and exclusively as it would have been held and | |
| Assignment and transfer not been made, to the full end | |
| may be granted thereon, or of any division, renewal substitution, conversion, reissue, prolongation or extensi- | |
| substitution, conversion, reissae, protongation of extensi | on thereon. |
| Assignor further agrees/agree that he/she/ | The state of the s |
| Assignee, but at Assignee's expense, cooperate with | |
| application and/or applications, execute, verify, ackno | |
| papers, including applications for Letters Patent and for of assignment and transfer thereof, and will perform s | |
| may request, to obtain or maintain Letters Patent for said | |
| vest title thereto in said Assignee, or Assignee's successor | • |
| | |
| IN TESTIMONY WHEREOF, Assignor has/have | signed his/her/their name(s) on the |
| date(s) indicated. | |
| | |
| | |
| Chung-Chen PENG | Date |
| | |
| Tarren - ame In- | 70/3-10-3 |
| Toung - wet Lat | Date |
| | |
| Mag. choa lee | 2013 - 19-3/ |
| Ming-Chao LEE | Date |
| | |

| Chi-Nan LIN | Date |
|-----------------|----------|
| r. | |
| Yi-Chih CHOU | Date |
| Yu-Chi HUANG | <u> </u> |
| Jian-Chau HUANG | Date |
| Shang-Che CHEN | Date |
| Han-Kuan YU | Date |
| | |
| Shih-Fing LIN | Date |

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RECORDED: 04/25/2014

PATENT REEL: 032759 FRAME: 0029