502304592 04/09/2013

PATENT ASSIGNMENT

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Fong-Chin SU | 03/05/2013 |

RECEIVING PARTY DATA

| Name: | NATIONAL CHENG KUNG UNIVERSITY | |
|-----------------|--------------------------------|--|
| Street Address: | No. 1, Da Shyue Rd. | |
| City: | Tainan City | |
| State/Country: | TAIWAN | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------|---------|
| Patent Number: | 8348869 |

CORRESPONDENCE DATA

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|-------------------------|----------------------|
| NAME OF SUBMITTER: | Joe McKinney Muncy |
| Signature: | /Joe McKinney Muncy/ |
| Date: | 04/09/2013 |

Total Attachments: 3

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> PATENT REEL: 030181 FRAME: 0748

\$40.00 8348869

ASSIGNMENT DEED

| | The PATENT RIGHTS referred to in this agreement are: |
|--------------|--|
| (Check or | ne) |
| | □ a Patent Application for this invention, executed by the ASSIGNOR(S) concurrently with this Assignment □ U.S. Patent Application Serial No |
| | The PATENT RIGHTS assigned under this agreement are: |
| (Check O | ne – If neither box is checked, then U.S. Patent rights only) |
| | BBU.S. Patent rights only |
| of any U.S | worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date S. Patent Application identified above. |
| application | I/WE believe that I/WE am/are the original inventor(s) or an original joint inventor of a claimed invention in the n. |
| | The above-identified Application was made or authorized to be made by me/us. |
| | I/WE hereby acknowledge that any will false statements made in this Assignment is punishable under 18 USC ne or imprisonment of not more than five (5) years, or both. |
| Full legal n | The ASSIGNOR(S) referred to in this agreement is (or are): name of sole or first assignor) Fong-Chin SU |
| Address) | No. 68, Dongning Rd., East Dist., Tainan City, Taiwan, R.O.C., |
| (Address)_ | (Full legal name of second joint assignor, if any) Wei-Jr LIN No. 18, Lane 98, Sec. 4, Changrong Rd., North Dist., Tainan City, Taiwan, R.O.C. |
| (Address) | (Full legal name of third joint assignor, if any) Chih-Han CHANG SF. No.3, Lane 199, Sec. 1, Funong St. East Dist. Tainan City, Taiwan, R.O.C. |
| | (Full legal name of fourth joint assignor, if any) Li-Chich KUO |
| (Address)] | No. 166, Lanc 150, Sec. 2, Haidian Rd., Annan Dist., Tainan City, Taiwan, R.O.C. |
| (Address) | (Full legal name of fifth joint assignor, if any) <u>Cheng-Chun CHEN</u> No.68, Zhongzheng Rd., Fengshan City, Kaohsiung County, Taiwan, R.O.C. |
| | (Full legal name of sixth joint assignor, if any) Chung-Ying TSAI No.90, Ruihe St., Qianzhen Dist., Kaohsiung City, Taiwan, R.O.C. |
| (| |
| | The delicination of the property of the second of the seco |

| The sole or first | ASSIGNEE(S) referred to in | this agreement is (or are): | | |
|---|---|--|--|--------------------|
| (Name of Assignee) NAT | IONAL CHENG KUNG UNIV | /ERSITY | A STATE OF THE PARTY OF THE PAR | nonnonini; |
| (Residence of Assignee) | City Tainan City | _ and State or Country | Taiwan, R.O.C. | ; and |
| (Mailing Address of Assign | iee) No. 1, Da Shyue Rd., | Tainan City, Taiwan, R.O | <u> C</u> | |
| | | | | |
| The second ASS | SIGNEE(S) (if any) referred to | o in this agreement is (or a | re): | |
| | | | | |
| (Residence of Assignee) | City | and State or Country_ | | ្ឋ; and |
| | ee) | | | |
| | | | | eninimaning-paper. |
| The third ASSIG | NEE(S) (if any) referred to in | this agreement is (or are) | : | |
| | | territoria de la constitución de la constitución | | |
| (Residence of Assignee) | City | and State or Country_ | | ; and |
| (Mailing Address of Assign | ee) | | | |
| | | | | |
| | GNEE(S) (if any) referred to i | | | |
| | | | | |
| | | | | |
| (Mailing Address of Assign | | | | |
| ☐ Addition | nal assignees are being name | ed on separately numbere | d sheets attached hereto. | |
| The ASSIGNOR consideration, receipt of wh ASSIGNEE; their successor | nich is acknowledged, have a | 0 paid by each ASSIGNEI and do hereby sell, assign, | E, and other good and valuable and transfer the following to eac | :h |
| possessions and the entire | right, title and interest in and | I to any and all Letters Pal | America, its territories, dependen lent(s) which may be granted the f the box above is designated, in | erefor in |
| and to any and a terms for which the same n | | ations, conversions and e | xtensions thereof for the full term | ı or |
| continuing, divisional, conve | agree(s) to execute all pape ersion or reissue applications ne Assignee may deem nece | s thereof and also to execu | n with this application and any ute separate assignments in con | nection |
| declared concerning this as | oplication or continuation, divided to cooperate with the Assigned | ision, conversion or reissu | on with any interference which made interest or Letter Patent(s) or rendered and producing evider | eissue |

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, PLLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The hereby give my/our Attorney authorization to insert the Serial Number and filing date of the above-referenced Patent Application when known.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

| Josephature of spic be-first assignor) | March 5, 2013 |
|--|---------------|
| (Signature of second assignor, if any) | (Date) |
| (Signature of third assignor, if any) | (Date) |
| - Liller La | July 5, 2013 |
| (Signature of fourth assignor, if any) | (Oate) |
| (Signature of fifth assignor, if any) TSAI CHUNG YTNG | (Date) |
| (Signature of sixth assignor, if any) | (Oate) |

(if additional assignors, then executed on the separately numbered sheets attached hereto)

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