PATENT ASSIGNMENT

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| NATURE OF CONVEYANCE: | | ASSIGNMENT | | | | |
| CONVEYING PARTY DATA | | | | | | |
| | N | Name | Execution Date | | | |
| Yuichiro TAKAI | | | 10/03/2012 | | | |
| Takao HASHIMOTO | kao HASHIMOTO | | | | | |
| Kazuhiro NISHIKAWA | | | 10/09/2012 | | | |
| Yoshihiro KAI | | | | | | |
| Yuko ENDO | | | 10/03/2012 | | | |
| RECEIVING PARTY DATA | | | | | | |
| Name: NISSHA PF | RINTING | CO., LTD. | | | | |
| Street Address: 3, Mibu Hai | 3, Mibu Hanai-cho, Nakagyo-ku | | | | | |
| Internal Address: Kyoto-shi | | | | | | |
| City: Kyoto | Kyoto | | | | | |
| State/Country: JAPAN | | | | | | |
| Postal Code: 604-8551 | 604-8551 | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | |
| Property Type | | Numbe | er | | | |
| Application Number: | | | | | | |
| CORRESPONDENCE DATA | | | | | | |
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| ATTORNEY DOCKET NUMBER: | | 2012_5450A | | | | |
| | | | PATENT | | | |
| 502136780 | | П | REEL: 029335 FRAME: 0499 | | | |

Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Yuichiro TAKAI, Takao HASHIMOTO,

Kazuhiro NISHIKAWA, Yoshihiro KAI, and Yuko ENDO

| Insert Name(s |
|---------------|
| of |
| Inventor(s) |
| |

Insert Name(s) of Assignee(s)

Address

NISSHA PRINTING CO., LTD.

the undersigned hereby sell(s) and assign(s) to

of <u>3, Mibu Hanai-cho, Nakagyo-ku, Kyoto-shi</u>, Kyoto 604-8551 Japan

| Invention | (hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as | | | | | | |
|-----------|---|--|--|-------|------|--|--|
| | PROTECTIVE PANEL | | | C DEV | VICE | | |

Date of Signing of Application for which an application for patent in the United States has been executed by the undersigned October 3, October 8, October 3, October 9, and October 3, 2012, respectively. on

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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 firm of WENDEROTH, LIND & PONACK, L.L.P., 1030 15th Street, N.W., Suite 400 East, Washington, D.C. 20005-1503, 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 United States Patent Office for recordal of this document.

> PATENT REEL: 029335 FRAME: 0501

| | In witness whereof, executed b | y the undersigned on the date(s) opposite the undersigned name(s). |
|------|--------------------------------|--|
| Date | Oct., 3; 2012 | Name of Inventor Juiching Jerkai |
| | Oct. 9. 2012 | Yuichiro TAKAI Takao /dashimoto |
| Date | | Takao HASHIMOTO Name of Inventor Karapirio hishikawa |
| | Oct 9, 2012, | Kazuhiro NISHIKAWA Name of Inventor |
| Date | Oct. 3 2012 | Yoshihiro KAI Name of Inventor Juko Capto |
| Date | (mar - | Yuko ENDO Name of Inventor |

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

| Witness <u>Hitasaka</u> Koji | <i></i> | |
|--|--|-----|
| Witness Serichin 07 | tagahi | |
| ACKNOWLI | 0 | |
| | | |
| | . \$S | |
| | | |
| This day | of 20 | |
| This day before me personally to me personally because the individ | came the above-na idual(s) who executed the foregoing assignment, who | med |
| acknowledge to me that he (they) executed the same of his (| their) own free will for the purposes therein set forth. | |
| | | |
| | Official Signature | |
| SEAL | | |
| | Official Title | |
| The above application may be more particularly ide | entified as follows: | |
| U.S. Application Serial No.: | Filing Date: | |
| Applicant Reference Number: 562037 | Attorney Docket No.: | |
| Title of the Invention | | |
| BROTECTIVE PANEL AN | ND ELECTRONIC DEVICE | |
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| 2 | | |
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PATENT REEL: 029335 FRAME: 0502

RECORDED: 11/21/2012

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