PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Po-Fan Chen | 03/16/2009 |
| Chih-Yi Lee | 03/16/2009 |
| Kun-Tsung Tsai | 03/16/2009 |
| Kuo-Cheng Tseng | 03/16/2009 |

RECEIVING PARTY DATA

| Name: | CSBC Corporation, Taiwan | |
|-----------------|---|--|
| Street Address: | No. 3 Jhonggang Road, Siaogang District | |
| City: | Kaohsiung | |
| State/Country: | TAIWAN | |
| Postal Code: | 812 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 12420831 | |

CORRESPONDENCE DATA

Fax Number: (734)994-6331

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

 $\overline{\neg } \Gamma$

Phone: (734) 302-6048

Email: blossing@usebrinks.com

Correspondent Name: Kelly K. Burris

Address Line 1: 524 South Main Street, Suite 200
Address Line 4: Ann Arbor, MICHIGAN 48104

| ATTORNEY DOCKET NUMBER: | 13954-003 |
|-------------------------|-----------|
|-------------------------|-----------|

NAME OF SUBMITTER: Kelly K. Burris

Total Attachments: 2

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PATENT REEL: 022621 FRAME: 0137

ASSIGNMENT

| | CLE HAVING PRE-SWIRL GENERATOR FOR (| GENERATING |
|-------------------|--|--|
| PRE-SWIRL FLO | OW | |
| The PATENIT | RIGHTS referred to in this agreement are: | |
| | a patent application for this invention, executed by | v the |
| | ASSIGNOR(S) concurrently with this assignment | |
| | J.S. patent application Serial No, file | |
| | U.S. patent application based on PCT Internation | |
| | No, filed on (date) | |
| | application Serial No, if known) | - \ 1 |
| | J.S. Patent No, issued | |
| | Γ RIGHTS also include all divisions, reissues, | |
| | atents and patent applications identified above. | |
| - | RIGHTS assigned under this agreement are: | |
| | U.S. patent rights only. | |
| | Worldwide patent rights. In this case, the assignee | e shall have the |
| : | right to claim the benefit of the filing date of any l | U.S. or foreign |
| | patent application for this invention. | |
| The ASSIGN | IOR(S) referred to in this agreement is (or are) the | e inventor(s) whose |
| signature(s) appe | ear(s) on page 2 of this Assignment and any Supple | emental Sheets(s). |
| The ASSIGN | EE referred to in this agreement is: | |
| (Name of Assign | ee) CSBC CORPORATION, TAIWAN | |
| (Address) No. | . 3, Jhonggang Road, Siaogang District, Kaohsiun | g 812, Taiwan |
| The AS | SSIGNEE is: | · <u>- · · · · · · · · · · · · · · · · · ·</u> |
| (check one) | An Individual. | |
| | A Partnership. | |
| | A Corporation of <u>Taiwan</u> (specific | fy state or country) |
| | (other) | |
| | | |
| | | |

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

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PATENT REEL: 022621 FRAME: 0138 the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and,

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) any attorney and agent who has a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

| Po-Fan CHEN | Po-Jan | Chen | March | 16, | 2009 |
|--|----------------------|----------|---------------|------------|------|
| Name of sole or first inventor | Signature | | Date | • | |
| Chih-Yi LEE | Lee, Ch | uh-Yi | March | 16, | 2009 |
| Name of second inventor, if any | Signature | | Date | | |
| Kun-Tsung TSAI Name of third inventor, if any | Kun-Tsu Signature | ng Tsai | March Date | <u>16,</u> | 2009 |
| Kuo-Cheng TSENG Name of fourth inventor, if any | Uw-che | ng Trens | March Date | <u>16,</u> | 2009 |
| Name of fifth inventor, if any | Signature | | Date | | |

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RECORDED: 04/30/2009