502290386 03/28/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Kyoichi MORITA | 03/19/2013 |
| Hidenobu KONDO | 03/19/2013 |
| Isao KUBO | 03/19/2013 |
| Takahiro IKENO | 03/19/2013 |

RECEIVING PARTY DATA

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| City: | Aichi | | |
| State/Country: | JAPAN | | |
| Postal Code: | 467-8561 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13852258 |

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| ATTORNEY DOCKET NUMBER: | 29823 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | Paul J. Esatto, Jr. |

Total Attachments: 1

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PATENT REEL: 030106 FRAME: 0107 13852258

CH \$40,00

Docket: 29823

ASSIGNMENT

| | | (1) | Kyoichi MORITA | (5) | | | |
|--|--|---|--|--|---|--|--|
| (1-8) Insert | (2) | Hidenobu KONDO | (6) | | | | |
| (1.5) | Name(s) of Inventor(s) | (3) | Isao KUBO | (7) | | | |
| | | (4) | Takahiro IKENO | (8) | | | |
| | | | In consideration of the sum of one do of the undersigned, the undersigned ag | ollar (\$1.00) and other good and valuable considera ree(s) to assign, and hereby does assign, transfer a | ations paid to each nd set over to | | |
| (9) | Insert Name of Assignee | (9) | BROTHER KOGYO KABUSHIKI KAIS | SHA | | | |
| (10) | Insert Address of Assignee (10 | | 15-1, Naeshiro-cho, Mizuho-ku, Nagoya, Aichi 467-8561, Japan | | | | |
| | | | (hereinafter designated as the Assignee) the entire right, title and interest for the United States of Americ defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provision-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Paextensions, reissues and reexamination certificates that may be granted on the invention known as | | | | |
| (11) | Insert Identification | (11) | Inkjet Printer | | | | |
| | of Invention such as Title, Case | | | | | | |
| | Number, or Foreign Application Number | | (Attorney Docket No. 29823 | |) | | |
| | | | for which the undersigned has (have) ex | xecuted an application for patent in the United State | s of America | | |
| (12) | Insert Date of Signing of Application | (12) | on Mar. 19, 20 | 13 | | | |
| (13) | Alternative Identification for filed applications | (13) | U.S. application Serial Number | | | | |
| application and pate application Assigned claims or reexaming States regist to coherewith, identificate recordation and patentificate applications application app | ons for the invention, onts as the Assignees. 2) The undersigned on or continuation or one in every way possible. 3) The undersigned provisions of the Interest of a validation a grant of a validation a grant of a validation of the undersigned soluting from said appleance of the undersigned solution of the undersigned that the undersigned of the undersigned of the undersigned on of this document. | and a may of agree division agreed Unit hereb ication rest hereb iecess | ny patent(s) issuing thereon, and also to leem necessary. (s) to execute all papers necessary in con thereof, or any patent or reissue apportaining evidence and going forward with e(s) to execute all papers and documer nal Convention for Protection of Industriate(s) to perform all affirmative acts while ded States patent to the Assignee. By authorize(s) and request(s) the Common(s) to the said Assignee, as Assignee of erein assigned, and that he has (they if any or desirable in order to comply with the said of the comply with the said of t | nts and perform any act which may be necessary all Property or similar agreements. It is not necessary to obtain, maintain or continuous or patents to issue any and all Letters Part the entire interest, and hereby covenants that he heave) not executed, and will not execute, any agree the payer of the power to insert on this assist the rules of the United States Patent and Training and property of the payer to insert on the assist the rules of the United States Patent and Training and property of the payer to insert on the assistance of the United States Patent and Training and property of the payer to insert on the assistance of the United States Patent and Training and property of the payer to insert on the payer of the United States Patent and Training and Part of the Patent and Training and Patent an | red concerning any cooperate with the in connection with firm by reissue or eatents of the United has (they have) full elements in conflict ignment any further | | |
| | In witness whereof, | exect | rted by the undersigned on the date(s) |) opposite the undersigned name(s). | | | |
| Date | Mar. 19, | 201 | Name of Inventor | Kyoichi Merita Kyoichi MORITA Hidenoby Kondo Hidenoby KONDO | (SEAL) | | |
| Date | Mar. 19 | , 2 | | | | | |
| Date | Mar. 19 | , 2 | 0/3 Name of Inventor | Rose Kulo Isao KUBO Jakahiro Ikeno Takahiro IKENO | (SEAL) | | |
| Date | Mar. 19, | 20 | Name of Inventor | Jakahiro Ukeno - Takahiro IKENO | (SĖAL) | | |

PATENT REEL: 030106 FRAME: 0108