

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Shiroshi KANEMITSU | 07/26/2010 |
| Kazuhiro TABUCHI | 07/26/2010 |
| Takaaki KAWAKAMI | 07/26/2010 |
| Hirotooshi AIZAWA | 07/28/2010 |
| Jun INAGAWA | 07/26/2010 |
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| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12853635 |
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| NAME OF SUBMITTER: | Brittany Howard |

OP \$40.00 12853635

Total Attachments: 1
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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

Kabushiki Kaisha Toshiba
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

IMAGE PROCESSING DEVICE AND SOLID-STATE IMAGING DEVICE

relating to International Patent Application PCT/JP _____ / _____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on _____;

Serial No. _____ / _____;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

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|---|-----------------------------------|---------------------------|
| 1) <u>Shiroshi Kanemitsu</u> (Signature) | Shiroshi KANEMITSU (Type Name) | July. 26. 2010 (Date) |
| 2) <u>Kazuhiro Tabuchi</u> (Signature) | Kazuhiro TABUCHI (Type Name) | July. 26. 2010. (Date) |
| 3) <u>Takaaki Kawakami</u> (Signature) | Takaaki KAWAKAMI (Type Name) | July. 26. 2010 (Date) |
| 4) <u>Hiroto sh. Aizawa</u> (Signature) | Hiroto shi AIZAWA (Type Name) | July 28. 2010 (Date) |
| 5) <u>Jun Inagawa</u> (Signature) | Jun INAGAWA (Type Name) | July. 26. 2010 (Date) |