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Execution Date(s): September 26, 2011

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This document is being filed together with a new application.

OR

This document is being filed after filing of the application:

- (a) Patent Application No(s). 13/248,321, filed September 29, 2011; or
- (b) Patent No(s). , issued .

5. Name and address of party to whom correspondence concerning document should be mailed:

STAAS & HALSEY LLP Our Docket: 0970.1056
Attention: David M. Pitcher
1201 New York Ave., N.W., 7th Floor
Washington, D.C. 20005

6. Total number of applications and patents involved: 1

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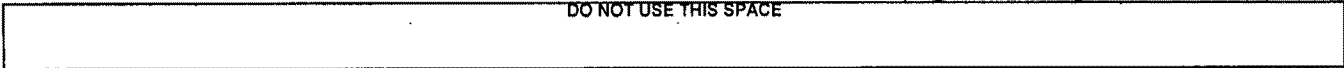
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David M. Pitcher, Reg. No. 25,908
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David M. Pitcher Signature
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U.S. ASSIGNMENT

S&H 7/03

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))

TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-8560 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)

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relating to International Patent Application PCT/JP2010/002200 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 September 26, 2011; (Insert date of execution of application, if not concurrent)

(b) filed on _____

Serial No. / ;

Any registered attorney of STAAS & HALSEY LLP, 1201 New York Ave., N.W., Suite 700, Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

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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).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) Akio Yamane September 26, 2011
Akio YAMANE

2) MASHIMO NAKAYAMA September 26, 2011
Mashimo NAKAYAMA

3) SHIRO KITANO September 26, 2011
Shiro KITANO

PATENT