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IAP17 Rec'd PCT/PTO 22 FEB 2007 Q83359

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Katsuaki AIDAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s): January 10, 2007, and January 10, 2007,
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- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Joint Research Agreement
- ☐ Government Interest Assignment
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- ☐ Other

2. Name and address of receiving party(ies):SHOWA DENKO K.K.
13-9, Shibadaimon 1-chome, Minato-ku,
Tokyo 105-8518,
JapanAdditional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application number(s) or patent number(s):**A. Patent Application No.(s)
Unknown☒ This document is being filed together with a new applicationB. Patent No.(s)
UnknownAdditional numbers attached? ☐ Yes ☒ No**5. Name and address of party to whom correspondence concerning document should be mailed:**SUGHRUE MION, PLLC
WASHINGTON OFFICE
23373
CUSTOMER NUMBER**6. Total number of applications and patents involved:**

1

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9. Signature:*Sheldon I. Landsman*

Sheldon I. Landsman

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February 22, 2007

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PATENT
REEL: 018981 FRAME: 0401

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

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SHOWA DENKO K.K.

13-9, Shibadaimon 1-chome, Minato-ku, Tokyo 105-8518, 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

MAGNETIC DISK SUBSTRATE AND PRODUCTION METHOD OF MAGNETIC DISK

relating to International Patent Application PCT/JP 2005, 016051 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 _____

(b) filed on _____
Serial No. _____

_____ 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).

(Signatures)

1 Hiroyuki Machida
(SIGNATURE)

Hiroyuki Machida
(TYPE NAME)

January 10, 2007
(DATE)

2 Katsuaki Aida
(SIGNATURE)

Katsuaki Aida
(TYPE NAME)

January 10, 2007
(DATE)

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PATENT

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