

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Norio MIZUTANI</td> <td>07/03/2008</td> </tr> <tr> <td>Kousuke FUKAYA</td> <td>07/03/2008</td> </tr> <tr> <td>Naoki HASHIMOTO</td> <td>07/03/2008</td> </tr> <tr> <td>Shigetaka YOSHIDA</td> <td>07/03/2008</td> </tr> </tbody> </table>		Name	Execution Date	Norio MIZUTANI	07/03/2008	Kousuke FUKAYA	07/03/2008	Naoki HASHIMOTO	07/03/2008	Shigetaka YOSHIDA	07/03/2008
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Shigetaka YOSHIDA	07/03/2008										
RECEIVING PARTY DATA											
Name:	BROTHER KOGYO KABUSHIKI KAISHA										
Street Address:	15-1 Naeshiro-cho, Mizuho-ku										
City:	Nagoya-shi, Aichi-ken										
State/Country:	JAPAN										
Postal Code:	467-8561										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12178916</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12178916						
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Application Number:	12178916										
CORRESPONDENCE DATA											
Fax Number:	(202)756-8087										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	075458-0069										
NAME OF SUBMITTER:	Michael A. Messina										
<p>Total Attachments: 2 source=0754580069AssignmntUSE#page1.tif</p>											

CH \$40.00 12178916

RECORDATION FORM COVER SHEET

Docket No.: 075458-0069

PATENTS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of Conveying Party(ies)
 Norio MIZUTANI, Kousuke FUKAYA, Naoki HASHIMOTO, Shigetaka YOSHIDA

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: **BROTHER KOGYO KABUSHIKI KAISHA**

Internal Address:

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): **July 3, 2008**

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

Address: **15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken 467-8561 JAPAN**

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):
 A. Patent Application No(s).

This document is being filed together with a new application.
 B. Patent No(s).

Additional numbers attached? Yes No

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

Name: **MCDERMOTT WILL & EMERY LLP**
 Internal Address:
 Street Address: **600 13th Street, N.W.**
 City: **Washington** State: **D. C.** Zip: **20005-3096**
 Phone Number: **202.756.8000**
 Fax Number: **202.756.8087**
 Email Address:

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 1.21(h) & 3.41) **\$40.00**

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number **500417**
 Authorized User Name _____

9. Signature.
Michael A. Messina 33,424  **July 24, 2008**

Name and Registration No. of Person Signing _____ Signature _____ Date _____

Total number of pages including cover sheet, attachments and documents: **2**

2007-05355US/57NB1H

ASSIGNMENT

- (1-8) Insert Name(s) of Inventor(s)
- (1) Norio MIZUTANI (5)
 - (2) Kousuke FUKAYA (6)
 - (3) Naoki HASHIMOTO (7)
 - (4) Shigetaka YOSHIDA (8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to,

- (9) Insert Name of Assignee (9) BROTHER KOGYO KABUSHIKI KAISHA
- (10) Insert Address of Assignee (10) 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken 467-8561, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

- (11) Insert Identification of Invention such as Title, Case Number, or Foreign Application Number (11) IMAGE FORMING APPARATUS
- (Attorney Docket No. _____)

for which the undersigned has (have) executed an application for patent in the United States of America

- (12) Insert Date of Signing of Application (12) on Jul. 3, 2008

- (13) Alternative Identification for filed applications (13) U.S. application Serial Number _____ filed _____

- 1) The undersigned agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.
- 6) The undersigned hereby grant(s) the firm of McDERMOTT WILL & EMERY LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>Jul. 3, 2008</u>	Name of Inventor	<u>Norio Mizutani</u>	(SEAL)
Date	<u>Jul. 3, 2008</u>	Name of Inventor	<u>Kousuke Fukaya</u>	(SEAL)
Date	<u>Jul. 3, 2008</u>	Name of Inventor	<u>Shigetaka Yoshida</u>	(SEAL)
Date	<u>Jul. 3, 2008</u>	Name of Inventor	<u>Naoki Hashimoto</u>	(SEAL)
Date	_____	Name of Inventor	_____	(SEAL)
Date	_____	Name of Inventor	_____	(SEAL)

PATENT