# PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
Takaichiro Umeda	08/12/2008

# **RECEIVING PARTY DATA**

Name:	Brother Kogyo Kabushiki Kaisha		
Street Address:	15-1 Naeshiro-cho,		
Internal Address:	Mizuho-ku,		
City:	Nagoya-shi, Aichi-ken		
State/Country:	JAPAN		
Postal Code:	467-8561		

#### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12197933	

# **CORRESPONDENCE DATA**

Fax Number: (202)639-7890

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202 639-7700

Email: james.arpin@bakerbotts.com

Correspondent Name: Baker Botts, LLP

Address Line 1: 1299 Pennsylvania Avenue, NW

Address Line 2: The Warner

Address Line 4: Washington, DISTRICT OF COLUMBIA 20004-2400

ATTORNEY DOCKET NUMBER: 076376.1146

NAME OF SUBMITTER: James B. Arpin, Reg. No. 33470

Total Attachments: 1

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PATENT REEL: 021437 FRAME: 0419

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# 2008-00351US/57CM11

			ASSIGNMENT
	(1)	Takaichiro UMEDA	(5)
	(2)		(6)
Name(s) of Inventor(s)	(3)		
	(4)		
			one dollar (\$1.00) and other good and valuable considerations paid to lersigned agree(s) to assign, and hereby does assign, transfer and set
) Insert Name of Assignee (9		BROTHER KOGYO KABUSI	HIKI KAISHA
	(10)	15-1 Naeshiro-cho, Mizuho	-ku, Nagoya—shi, Aichi—ken 467-8561, Japan
(11) Insert Identification (11) of Invention such as Title, Case Number, or Foreign Application Number		as defined in 35 U.S.C. §100, in provisional, non-provisional, divisional,	the invention, and in all applications for patent including any and all onal, continuation, substitute, and relssue application(s), and all Letters eexamination certificates that may be granted on the invention known as
		(Attorney Docket No.	076376.1146
		for which the undersigned has (har	ve) executed an application for patent in the United States of America
	(12)	on <u>Au</u>	eg. 12, 2008
	(13)	U.S. application Serial Number	12/197,933
native	,		
	ert Name of ignee ert Address ssignee extending the fittification exertion has Title, Case aber, or Foreign lication Number ert Date of hing of	ert (2) ne(s) nventor(s) (3)  (4)  ert Name of ignee (9) ert Address (10)  ert Address (10)  ert Address (10)  ert Address (10)	In consideration of the sum of each of the undersigned, the undover to  Pert Name of ignee (9) BROTHER KOGYO KABUSHert Address assignee (10) 15–1 Naeshiro-cho, Mizuho-chert Name of ignee (10) 15–1 Naeshiro-cho, Mizuho-chert Address as defined in 35 U.S.C. §100, in provisional, non-provisional, division Patent, extensions, reissues and restriction in as Title, Case ther, or Foreign lication Number (Attorney Docket No. for which the undersigned has (haven't Date of hing of (12) on   **Total Critical Case**  **Total Case**  **Total Critical Case**  **Total C

- 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
- 6) The undersigned hereby grant(s) the firm of BAKER BOTTS 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	Aug. 12, 2008	Name of Inventor <u>Takaidine Umrda</u>	(SEAL)
Date		Name of Inventor	(SEAL)
Date		Name of Inventor	(SEAL)
Date		Name of Inventor	(SEAL)
Date		Name of Inventor	(SEAL)

PATENT REEL: 021437 FRAME: 0420

**RECORDED: 08/25/2008**