

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5016226

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUTAKA KAKIGAHARA	04/26/2018
KENGO TAKEDA	04/26/2018
JUN MIHARA	05/26/2018
SATOSHI MURATA	04/26/2018
SHINYA YAMAMOTO	04/26/2018
TOMOAKI HATTORI	05/25/2018
KUMIKO SAKAGUCHI	04/26/2018
TAKAYUKI HIGUCHI	04/26/2018
TATSUYA EZAKA	04/26/2018
EMI SHIMIZU	05/24/2018
KENTARO MURAYAMA	04/26/2018
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	
Property Type	Number
Application Number:	15940106
CORRESPONDENCE DATA	
Fax Number:	(202)824-3001
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Correspondent Name:	BANNER & WITCOFF, LTD.
Address Line 1:	1100 13TH ST. NW
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PATENT

ATTORNEY DOCKET NUMBER:	006797.00890
NAME OF SUBMITTER:	GARY D. FEDOROCHKO
SIGNATURE:	/Gary D. Fedorochko/
DATE SIGNED:	06/20/2018
Total Attachments: 8 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif	

ASSIGNMENT

(1-12) Insert Name(s) of Inventor(s)

(1) <u>Yutaka KAKIGAHARA</u>	(7) <u>Kumiko SAKAGUCHI</u>
(2) <u>Kengo TAKEDA</u>	(8) <u>Takayuki HIGUCHI</u>
(3) <u>Jun MIHARA</u>	(9) <u>Tatsuya EZAKA</u>
(4) <u>Satoshi MURATA</u>	(10) <u>Emi SHIMIZU</u>
(5) <u>Shinya YAMAMOTO</u>	(11) <u>Kentaro MURAYAMA</u>
(6) <u>Tomoaki HATTORI</u>	(12) _____

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

(13) Insert Name of Assignee (13) BROTHER KOGYO KABUSHIKI KAISHA

(14) Insert Address of Assignee (14) 15-1 Naeshiro-cho, Mizuho-ku, Nagoya, Aichi, 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

(15) Insert Identification of Invention such as Title, Case Number, or Foreign Application Number (15) FIXING DEVICE FIXING DEVELOPING AGENT IMAGE TO SHEET BY
ELECTROSTATICALLY SPRAYING CHARGED FIXING SOLUTION
 (Attorney Docket No. _____)

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

(16) Insert Date of Signing of Application (16) on Apr. 26, 2018

(17) Alternative Identification for filed applications (17) U.S. application Serial Number 15/940,106
 filed March 29, 2018

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 Banner & Witcoff, LTD 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>Apr. 26, 2018</u>	Name of Inventor <u>Yutaka Kakigahara</u> (SEAL) Yutaka KAKIGAHARA
Date <u>Apr. 26, 2018</u>	Name of Inventor <u>Kengo Takeda</u> (SEAL) Kengo TAKEDA
Date _____	Name of Inventor _____ (SEAL) Jun MIHARA
Date <u>Apr. 26, 2018</u>	Name of Inventor <u>Satoshi Murata</u> (SEAL) Satoshi MURATA

Date	<u>Apr. 26, 2018</u>	Name of Inventor	<u>Shinya Yamamoto</u>	(SEAL)
			Shinya YAMAMOTO	
Date		Name of Inventor		(SEAL)
			Tomoaki HATTORI	
Date	<u>Apr. 26, 2018</u>	Name of Inventor	<u>Kumiko Sakaguchi</u>	(SEAL)
			Kumiko SAKAGUCHI	
Date	<u>Apr. 26, 2018</u>	Name of Inventor	<u>Takayuki Higuchi</u>	(SEAL)
			Takayuki HIGUCHI	
Date	<u>Apr. 26, 2018</u>	Name of Inventor	<u>Tatsuya Ezaka</u>	(SEAL)
			Tatsuya EZAKA	
Date		Name of Inventor		(SEAL)
			Emi SHIMIZU	
Date	<u>Apr. 26, 2018</u>	Name of Inventor	<u>Kentaro Murayama</u>	(SEAL)
			Kentaro MURAYAMA	

ASSIGNMENT

(1-12)	Insert Name(s) of Inventor(s)	(1) <u>Yutaka KAKIGAHARA</u>	(7) <u>Kumiko SAKAGUCHI</u>
		(2) <u>Kengo TAKEDA</u>	(8) <u>Takayuki HIGUCHI</u>
		(3) <u>Jun MIHARA</u>	(9) <u>Tatsuya EZAKA</u>
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		(5) <u>Shinya YAMAMOTO</u>	(11) <u>Kentaro MURAYAMA</u>
		(6) <u>Tomoaki HATTORI</u>	(12) _____

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(13)	Insert Name of Assignee	(13)	<u>BROTHER KOGYO KABUSHIKI KAISHA</u>
(14)	Insert Address of Assignee	(14)	<u>15-1 Naeshiro-cho, Mizuho-ku, Nagoya, Aichi, 467-8561, Japan</u>

(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

(15)	Insert Identification of Invention such as Title, Case Number, or Foreign Application Number	(15)	<u>FIXING DEVICE FIXING DEVELOPING AGENT IMAGE TO SHEET BY</u> <u>ELECTROSTATICALLY SPRAYING CHARGED FIXING SOLUTION</u> (Attorney Docket No. _____) for which the undersigned has (have) executed an application for patent in the United States of America
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(16)	Insert Date of Signing of Application	(16)	on <u>(May 26, 2018)</u>
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(17)	Alternative Identification for filed applications	(17)	U.S. application Serial Number <u>15/940,106</u> filed <u>March 29, 2018</u>
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	_____	Name of Inventor	<u>Yutaka KAKIGAHARA</u>	(SEAL)
Date	_____	Name of Inventor	<u>Kengo TAKEDA</u>	(SEAL)
Date	<u>(May 26, 2018)</u>	Name of Inventor	<u>(JUN MIHARA)</u>	(SEAL)
Date	_____	Name of Inventor	<u>Satoshi MURATA</u>	(SEAL)

Date	_____	Name of Inventor	Shinya YAMAMOTO	(SEAL)
Date	_____	Name of Inventor	Tomoaki HATTORI	(SEAL)
Date	_____	Name of Inventor	Kumiko SAKAGUCHI	(SEAL)
Date	_____	Name of Inventor	Takayuki HIGUCHI	(SEAL)
Date	_____	Name of Inventor	Tatsuya EZAKA	(SEAL)
Date	_____	Name of Inventor	Emi SHIMIZU	(SEAL)
Date	_____	Name of Inventor	Kentaro MURAYAMA	(SEAL)

ASSIGNMENT

(1-12)	Insert Name(s) of Inventor(s)	(1) <u>Yutaka KAKIGAHARA</u>	(7) <u>Kumiko SAKAGUCHI</u>
		(2) <u>Kengo TAKEDA</u>	(8) <u>Takayuki HIGUCHI</u>
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		(Attorney Docket No. _____)

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

(16)	Insert Date of Signing of Application	(16) on <u>May. 25, 2018</u>
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(17)	Alternative Identification for filed applications	(17) U.S. application Serial Number <u>15/940,106</u> filed <u>March 29, 2018</u>
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____	Name of Inventor <u>Yutaka KAKIGAHARA</u>	(SEAL)
Date _____	Name of Inventor <u>Kengo TAKEDA</u>	(SEAL)
Date _____	Name of Inventor <u>Jun MIHARA</u>	(SEAL)
Date _____	Name of Inventor <u>Satoshi MURATA</u>	(SEAL)

Date	_____	Name of Inventor	_____ (SEAL)
			Shinya YAMAMOTO
Date	<u>May. 25, 2018</u>	Name of Inventor	<u>Tomoaki Hattori</u> (SEAL)
			Tomoaki HATTORI
Date	_____	Name of Inventor	_____ (SEAL)
			Kumiko SAKAGUCHI
Date	_____	Name of Inventor	_____ (SEAL)
			Takayuki HIGUCHI
Date	_____	Name of Inventor	_____ (SEAL)
			Tatsuya EZAKA
Date	_____	Name of Inventor	_____ (SEAL)
			Emi SHIMIZU
Date	_____	Name of Inventor	_____ (SEAL)
			Kentaro MURAYAMA

ASSIGNMENT

(1-12)	Insert Name(s) of Inventor(s)	(1) <u>Yutaka KAKIGAHARA</u>	(7) <u>Kumiko SAKAGUCHI</u>
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		(6) <u>Tomoaki HATTORI</u>	(12) _____
(13)	Insert Name of Assignee	(13) <u>BROTHER KOGYO KABUSHIKI KAISHA</u>	
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for which the undersigned has (have) executed an application for patent in the United States of America			
(16)	Insert Date of Signing of Application	(16) on <u>(May. 24, 2018)</u>	
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Date _____	Name of Inventor _____ (SEAL) <u>Kengo TAKEDA</u>
Date _____	Name of Inventor _____ (SEAL) <u>Jun MIHARA</u>
Date _____	Name of Inventor _____ (SEAL) <u>Satoshi MURATA</u>

Date	_____	Name of Inventor	Shinya YAMAMOTO	(SEAL)
Date	_____	Name of Inventor	Tomoaki HATTORI	(SEAL)
Date	_____	Name of Inventor	Kumiko SAKAGUCHI	(SEAL)
Date	_____	Name of Inventor	Takayuki HIGUCHI	(SEAL)
Date	_____	Name of Inventor	Tatsuya EZAKA	(SEAL)
Date	(May. 24, 2018)	Name of Inventor	Emi Shimizu	(SEAL)
Date	_____	Name of Inventor	Emi SHIMIZU	(SEAL)
		Name of Inventor	Kentaro MURAYAMA	(SEAL)