PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Yuko TAWADA	04/10/2009

RECEIVING PARTY DATA

Name:	Kaneka Corporation
Street Address:	2-4, Nakanoshima 3-chome, Kita-ku
City:	Osaka-shi, Osaka
State/Country:	JAPAN
Postal Code:	530-8288

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12446737

CORRESPONDENCE DATA

Fax Number: (310)785-4601

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

310-785-4746 Phone:

Email: laprosecution@hhlaw.com Correspondent Name: HOGAN & HARTSON L.L.P. Address Line 1: 1999 AVENUE OF THE STARS

Address Line 2: **SUITE 1400**

Address Line 4: LOS ANGELES, CALIFORNIA 90067

ATTORNEY DOCKET NUMBER: 81844.0060 NAME OF SUBMITTER: Dariush G. Adli

Total Attachments: 3

source=818440060_rfcl#page1.tif source=818440060_assg#page1.tif source=818440060_assg#page2.tif

REEL: 022583 FRAME: 0256

PATENT 500841712

Form PTO-1595 1-3-92

RECORDATION FORM COVER LETTER

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

	PAIEN	13	Attorney Docket No.: 81844.0060		
	To the Assistant Commissioner for Patents: Please re	есого			
, 1.	Name of conveying party(ies): Yuko TAWADA	2.	Name and address of receiving party(ies): KANEKA CORPORATION 2-4, Nakanoshima 3-chome, Kita-ku		
Add	ditional name(s) of conveying party(ies) attached? Yes No	-	Osaka-shi, Osaka 530-8288 Japan		
3.	Nature of conveyance:]			
	Execution Date: April 10, 2009				
_			Additional name(s) & address(es) attached? ☐ Yes ☒ No		
4.	Application number(s) or patent number(s):				
	If this document is being filed together with a new application, the exec	ution	date of the application is: April 10, 2009		
	A. Patent Application No.(s)		B. Patent No.(s)		
	Additional numbers atta	ched	? □ Yes ⊠ No		
5.	Name and address of party to whom correspondence concerning document should be mailed:	6.	Total number of applications and patents involved: [1]		
	Dariush G. Adli, Esq. HOGAN & HARTSON L.L.P. 1999 Avenue of the Stars, Suite 1400 Los Angeles, CA 90067	7.	Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed		
	Loo / Migolog, O/ 10000/		Authorized to be charged to deposit account		
		8.	Deposit account number:		
			50-1314		
		<u> </u>	(Attach duplicate copy of this page if paying by deposit account)		
	DO NOT USE	E TH	IS SPACE		
9.	Statement and signature. To the best of my knowledge and belief, the foregoing is true and corre Dariush G. Adli		d any attached copy is a true copy of the original document. ate: April 22, 2009		
ΟN	ив No. 0651-0011 (exp. 4/94)				
Mail documents to be recorded with required cover sheet information to:					
	Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450				

PATENT REEL: 022583 FRAME: 0257

ASSIGNMENT

譲渡証書

(1 — 8) 発明者名 ·	(1) (5) (2) (6) (3) (7) (4) (8) 以下の署名者各々に対して支払われる価値ある対価に基づき、下記 署名者は被譲渡人、	(1-8)	Name(s) of Inventor(s)	(1)Yu (2) (3) (4)	In consideration of the 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) 被譲渡人氏名	(9)	(9)	Name of Assignee	(9)	KANEKA CORPORATION
(10)被譲渡人の会社 設立の州名 (11)被譲渡人の住所	(10)	(10)	State of Incorporation of Assignee	(10)	a corporation organized and existing under the laws of Japan
(II) Marche (I)	(上記を、以下被譲渡人) へ、下 記署名者が米国に於いて特許出順	(11)	Address of Assignee	(11)	of 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka, 530-8288 Japan
	U.E.				(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
(12) 発明の名称、件 名番号、又は外国に於け る特許出願番号等の発明	(12) で識別される特許出願として公知	(12)	Identification of Invention,	(12)	SUBSTRATE PROVIDED WITH TRANSPARENT CONDUCTIVE
を識別するもの	の発明、及びそれに対応する若し くはそれに基づいた外国での全て		such as Title, Case Number		FILM FOR PHOTOELECTRIC CONVERSION DEVICE, METHOD
	の特許出願として公知の発明の世界各国に亙っての権利、所有権及び利益を譲渡することに同意し、 ここに譲渡する。		or Foreign Application Number		FOR MANUFACTURING THE SUBSTRATE, AND PHOTOELECTRIC
					CONVERSION DEVICE USING THE SUBSTRATE
(13)署名日宣言	(13) 日付				(International Application No. PCT/JP2007/071902) for which the undersigned has (have) executed an application for patent in the United States of
	は、上記の発明に関し米国及び外国 行、分割出願及び継続出願に必要な				America and all patent applications in foreign countries corresponding thereto or based thereon.
署名者は、被譲渡人が	行することに同意する。さらに下記 必要もしくは便宜と看做した際に 別個の譲渡手続きを行うことに同意	(13)	Date(s) of Signing of Declaration	(13)	on April 10, 2009
する。			15.000		(A4

2) 下記署名者は、当該出願又はその継続出願又は

3) 下記署名者は、パリ条約条項又は類似の合意の

4) 下記署名者は、被譲渡人が有効な米国特許の付

分割出願に関し提起され得る抵触審査に関連して必要な全

ての書類手続きを遂行することに同意する。さらにかかる

抵触審査が発生した際には、証拠の収集等事態の進展に関し被譲渡人に対しあらゆる協力をすることに同意する。

要求又は規定に関し必要な全ての書類手続き、及び必要と

与の獲得にあたり必要と看做されるあらゆる積極的行動を

看做される行為全てを遂行することに同意する

とることに同意する。

- The undersigned agree(s) to execute all papers necessary in connection
 with any original, reissue, divisional and continuing United States and foreign
 applications for the above identified invention and also to execute separate
 assignments in connection with such applications as the Assignee may deem
 necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof 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 a grant of a valid United States patent to the Assignee.

PATENT REEL: 022583 FRAME: 0258

- 5) 下記署名者は、ここに、特許庁長官に対し、被譲渡人を全利益の被譲渡人と看做し、当該出願又はその分割及び継続出願の米国特許証を被譲渡人に発行する権限を与え、かかる発行を要請する。下記署名者はさらに、被譲渡人はここに譲渡される全利益の譲渡を受ける権利を有すること、及び当該内容に違反する内容の契約は締結していないことを誓約する。
- 6) 下記署名者は、ここに、 顧客番号

日付

日付

日付_

000026021

.,	にあたり必要もしくは望ま に追加する権限を与える。	しい識別番号等を
日付 日付	第一署名者 第一署名者	

第三署名者

第四署名者, 第五署名者

第六署名者

で表される者に、この書類の登録に関して米国特許商標庁

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 or any division or divisions or continuing applications thereof 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 here in assigned and the	ıt
he has (they have) not executed any agreement in conflict herewith.	

the power to insert on this assignment any further identification which may be

Number:

Date:

000026021

necessary or desirable

6) The undersigned hereby appoints the persons associated with Customer

in order to comply with the rues of the United States Patent and Trademark Office for recordation of this document.					
Date:	April 2009	10, Signature of Inventor 1 Yuko Taw	ada		
Date:	:	_Signature of Inventor 2			
Date:	;	_Signature of Inventor 3			
Date:	:	_Signature of Inventor 4			
Date:	:	_Signature of Inventor 5			

Signature of Inventor 6

PATENT REEL: 022583 FRAME: 0259

RECORDED: 04/22/2009