

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takeshi NARUSHIMA</td> <td>04/23/2013</td> </tr> <tr> <td>Yoichi ENDO</td> <td>04/22/2013</td> </tr> <tr> <td>Yoshihiro NOZAWA</td> <td>04/25/2013</td> </tr> <tr> <td>Minoru GOTO</td> <td>04/25/2013</td> </tr> <tr> <td>Toru UGAJIN</td> <td>05/09/2013</td> </tr> <tr> <td>Hiroyuki SHIOMI</td> <td>04/23/2013</td> </tr> <tr> <td>Kunio MATSUI</td> <td>04/25/2013</td> </tr> <tr> <td>Yasumitsu SAKUMA</td> <td>05/07/2013</td> </tr> </tbody> </table>		Name	Execution Date	Takeshi NARUSHIMA	04/23/2013	Yoichi ENDO	04/22/2013	Yoshihiro NOZAWA	04/25/2013	Minoru GOTO	04/25/2013	Toru UGAJIN	05/09/2013	Hiroyuki SHIOMI	04/23/2013	Kunio MATSUI	04/25/2013	Yasumitsu SAKUMA	05/07/2013
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RECEIVING PARTY DATA																			
<table border="1"> <tr> <td>Name:</td> <td>Kao Corporation</td> </tr> <tr> <td>Street Address:</td> <td>14-10, Nihonbashi-Kayabacho 1-chome, Chuo-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>103-8210</td> </tr> </table>		Name:	Kao Corporation	Street Address:	14-10, Nihonbashi-Kayabacho 1-chome, Chuo-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	103-8210								
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CORRESPONDENCE DATA																			
Fax Number:	7032058050																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	(703) 205-8000																		
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Correspondent Name:	BIRCH, STEWART, KOLASCH & BIRCH, LLP																		
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ATTORNEY DOCKET NUMBER:	0425-1436PUS1																		

PATENT

NAME OF SUBMITTER:	Evita R. Belmonte
Signature:	/evita r. belmonte/
Date:	06/14/2013
Total Attachments: 3 source=2013-06-14_Assignment_0425-1436PUS1#page1.tif source=2013-06-14_Assignment_0425-1436PUS1#page2.tif source=2013-06-14_Assignment_0425-1436PUS1#page3.tif	

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No. 13/993,819

Filed June 13, 2013

**Insert Name(s)
of Inventor(s)**

*****(Given Name FAMILY NAME (ALL CAPS))*****

WHEREAS,	Takeshi NARUSHIMA	;	Yoichi ENDO
Yoshihiro NOZAWA	Minoru GOTO	.	Toru UGAJIN
Hiroyuki SHIOMI	Kunio MATSUI	.	Yasumitsu SAKUMA
_____	_____	.	_____
_____	_____	.	_____
_____	_____	.	_____

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

**Insert Title
of Invention**

COLUMN CONTACT APPARATUS AND METHOD FOR OPERATING THE SAME

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

**Insert Date
of Signing of
Application**

on Apr. 23, 2013, Apr. 22, 2013, Apr. 25, 2013, Apr. 25, 2013,
May 9, 2013, Apr. 23, 2013, Apr. 25, 2013 and May 7, 2013, and
respectively

**Insert Name
of Assignee**

WHEREAS, Kao Corporation

**Insert Address
of Assignee**

14-10, Nihonbashi-Kayabacho 1-chome, Chuo-ku, Tokyo 103-8210, Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX
IF APPROPRIATE

in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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

Date <u>4.23.2013</u>	Name of Inventor <u>Takeshi Narushima</u> (signature) Takeshi NARUSHIMA
Date <u>4.22.2013</u>	Name of Inventor <u>Yoichi ENDO</u> (signature) Yoichi ENDO
Date <u>2013.4.22 (Y.E)</u>	
Date <u>4.25.2013</u>	Name of Inventor <u>Yoshihiro Nozawa</u> (signature) Yoshihiro NOZAWA
Date <u>4.25.2013</u>	Name of Inventor <u>Minoru Goto</u> (signature) Minoru GOTO
Date <u>5.9.2013</u>	Name of Inventor <u>Toru UgaJin</u> (signature) Toru UGAJIN
Date <u>4.23.2013</u>	Name of Inventor <u>Hiroyuki Shiomi</u> (signature) Hiroyuki SHIOMI

Date 4.25.2013,

Name of Inventor Kunio Matsui
(signature) KUNIO MATSUI

Date 5.7.2013,

Name of Inventor Yasumitsu Sakuma
(signature) YASUMITSU SAKUMA

Date _____,

Name of Inventor _____
(signature)

Date _____,

Name of Inventor _____
(signature)

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