MRD 6-29-98

	Commissioner of Patent	07-09-1998		Washington, D.C. 20231					
	FORM PTO-1595 (Rev. 6-93)  To the Honorable Commissioner.	10075	2002	U.S. DEPARTMENT OF COMMERCE  Patent and Trademark Office al document or certified copy thereof.					
	1. Name of conveying Party (a)	\	2. Name and Address of receiving Party(ies):  Name: CLARION CO., LTD.  Street Address: No. 35-2, Hakusan, 5-chome, Bunkyo-ku  City: TOKYO  State/Country: JAPAN  Zip:						
	Akira HARA  7 ADERUS	Yes X No							
	3. Nature of conveyance:  X Assignment Merger								
	Security Agreement Change Other Execution Date: May 29, 1998	of Name	Additional name(s) & address(es) attached? Yes X No						
	Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is:								
	A. Patent Application No.(s)/Application Date 29/088,950 filed on June 4, 1998		B. Patent No.(s)/Patent Date						
	5. Name and address of party to whom correspondence concerning this matter should be mailed:	dence	6. Number of applications and patents involved:						
	Jacobson, Price, Holman & 400 7th Street, N.W. Washington, DC 20004 Tel. 202-638-6666	Stern	7. Total fee (37 CFR 3.41)						
	Attorney Docket No. P62078US0		8. Deposit Account No.: 06-1358  (Attach duplicate copy of this page if paying by deposit account):						
07/06/1998 III 01 FC:581	40.00 DP	DO NOT US	SE THIS SPACE						
	9. Statement and Signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.								
	Michael R. Slobasky / 26.421  Name of Person Signing / Reg.#  Signature  Total number of pages including cover sheet, attachments, and document:								

JPH&S 103-12/93

## **UNITED STATES OF AMERICA—ASSIGNMENT**

(1) Akira HARA  (2) (3) (4) (5) (5) (6) (7) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	•		•					
(3) (4) (5) (6) (7) Insert Name of assignee (7) Insert Name of assignee (8) Insert Legal Entity and State or Country (6.4) a Corporation or Classification of Japan) (9) Insert Legal Entity and State or Country (6.4) a Corporation or Classification of Japan) (10) Insert State of Western (10) Insert State or Country (6.4) a Corporation or Classification of Insert In	(1-6) Insert Name(s) of Inventors	(1)	Akira	·HARA······				
(4)  (5)  In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(\$) to assign, transfer and set over to undersigned agree(\$) to assign, transfer and set over to undersigned agree(\$) to assign, transfer and set over to undersigned agree(\$) to assign, transfer and set over to undersigned agree(\$) to assign, transfer and set over to undersigned agree(\$) to assign, transfer and set over to undersigned agree(\$) to assign, transfer and set over to undersigned agree(\$) to assign, transfer and set over to undersigned agree(\$) to assign, transfer and set over to undersigned agree(\$) to assign, transfer and set over to undersigned agree(\$) to assign transfer and set over to undersigned agree(\$) to assign transfer and set over to some and possessions, in the invention known as undersigned agree(\$) to assign transfer designated as the assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as certain a policiation not for a population number of rorsign Application Number for which the undersigned passessions, in the invention known as undersigned agree(\$) to assign the undersign the assignment assignment and undersign the undersigned agree(\$) to assign the undersign the undersign the undersign agree (\$) to assign the undersign the undersign the undersign agree (\$) to assig		(2)						
(6)  In consideration of the sum of one dollar (\$1,00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(s) to assign, transfer and set over to Clarion Co., Ltd.  (7) Insert Name of assignee (8) Insert Address of Assignee (8) Insert Address of Assignee (8) Insert Logal Entity and State or Country (6.9. a corporation or critizen of Jugan)  (10) Insert Identification of Invention, (10)								
The consideration of the sum of one dollar (SLOD), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(s) to assign, transfer and set over to   C1 arion Co., Ltd.,		(4)					• • • • • • • • • • • • • • • • • • • •	
In consideration of the sum of one dollar (SLOD), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(s) to assign, transfer and set over to  (7) Insert Name of assignee  (8) Insert Logal Entity and State or Country (e.g., a corporation or clitton of Japan)  (9) Insert Logal Entity and State or Country (e.g., a corporation or clitton of Japan)  (10) Insert Identification of Invention, such as Title, Case Number or Foreign Application or liting date and Sanial No., it known  1) The undersigned agree(s) to execute all papers necessary in connection with this application for any continuing or divisional applications as the Assignee may deem necessary or expedient.  2) The undersigned agree(s) to execute all papers necessary in connection with this application or any continuing or divisional applications thereof 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 this application or any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.  3) The undersigned agree(s) to execute all papers necessary in connection with this application to any continuing or divisional applications 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 the Assignee.  5) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary or expedient.  4) The undersigned agree(s) t		(5)				• • • • • • • • • • • • • • • • • • • •	and	
(8) Insert Address of Assignee (9) Insert Legal Entity and State or Country (e.g., a corporation or clitzen of Japan) (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as Title, Case Number or Foreign Application of Inventor (11) Said application Number for Which the undersigned has (have) executed an application for patent in the United States of America (11) Insert Date of Signing of Application, or filing date and Serial No., if known  (10) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof 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 this application or any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.  (3) The undersigned agree(s) to execute all papers necessary in connection with this application or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining revidence 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 any interference with any the necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.  (4) The undersigned derectly authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) not execu		(6)	In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the					
(9) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan)  (10) Insert Identification of Invention, (10)	(7) Insert Name of assignee	(7)	Clario	n Co., Ltd.				
COUNTY (6.9. a corporation or critizen of Japan)  (thereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as (10) Insert Identification of Invention, (10)	(8) Insert Address of Assignee	(8)	ofNo.35-	2, Hakusan, 5-c	home. Bunky	a-ku,Tok	yo,JAPA	
territories, dependencies and possessions, in the invention known as  (10) Insert Identification of Invention, (10)	(9) Insert Legal Entity and State							
such as Title, Case Number or Foreign Application Number  for which the undersigned has (have) executed an application for patent in the United States of America  (11) Insert Date of Signing of Application, or filing date and Serial No. 29/088,950								
for which the undersigned has (have) executed an application for patent in the United States of America  (17) Insert Date of Signing of Application, or filing date and Soral No 14 nown  1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof 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 any continuing or divisional applications thereof 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 Union for Protection of Industrial Property or similar agreements.  4) 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 Union for Protection of Industrial Property or similar agreements.  4) 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 Union for Protection of Industrial Property or similar agreements.  4) 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 Union for Protection of Industrial Property or similar agreements.  4) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with the Assigne.  5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said A	such as Title, Case Number or	(10)						
(11) Insert Date of Signing of Application, or filling date and Serial No	Foreign Application Number							
Application, or filing date and Serial No29/088,950				_	-			
thereof 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 any continuing or divisional applications 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 Union 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.  5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional 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 herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.  6) The undersigned hereby grant(s) the law firm of Jacobson, Price, Holman & Stern, PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, 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	Application, or filing date and	(11)			June. 4 , . 1998	(an	d assigned	
Date MAY 2.9 1998 Name of Inventor Akira HARA typed name signature    Date	3) The undersigned agree(claims or provisions of the Internat 4) The undersigned agree(sto the Assignee. 5) The undersigned hereby of the United States resulting from the entire interest, and hereby cover have) not executed, and will not ex 6) The undersigned hereby D.C. 20004, the power to insert on the rules of the United States Paten	s) to e ional s) to p autho this a nants tecute, grant(this a at and	execute all papers ar Union for Protection erform all affirmation rize(s) and request(stopplication or any or that he has (they have any agreement in orange) the law firm of Jassignment any furth Trademark Office in	on of Industrial Property or so we acts which may be necessary) the Commissioner of Patents entinuing or divisional applicates full right to convey the enconflict herewith. Incobson, Price, Holman & State identification which may be for recordation of this document.	imilar agreements.  ary to obtain a grant of  and Trademarks to issuations thereof to the saitire interest herein assi  ern, PLLC, 400 Sevent be necessary or desiration.	a valid United Some any and all Letted Assignee, as Agned, and that he	tates patent ters Patents Assignee of e has (they Vashington,	
Date		<b></b>	•			- 11-	- (0544)	
Date	Date MIAI & J 1338			typed name	1 / 3/400	signature	(SEAL)	
Date	Date		Name of Inventor_	typed name		signature	(SEAL)	
Date	Date		. Name of Inventor_	typed name		signature	(SEAL)	
Date Name of Inventor typed name signature (SEAL)  Date Name of Inventor typed name signature (SEAL)  This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:  Additional inventor's names and signatures on a Witness	Date		Name of Inventor	typed name		signature	(SEAL)	
Date	Date		. Name of Inventor_				(SEAL)	
This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:  Additional inventor's names and signatures on a   Witness	Date		. Name of Inventor	••		J	(SEAL)	
				before a United States C		ad, or a Notary		
Witness	Additional inventor's names separate sheet.	and :	signatures on a					

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## JACOBSON, PRICE, HOLMAN & STERN

PROFESSIONAL LIMITED LIABILITY COMPANY THE JENIFER BUILDING

JPH&S 12/92; 3/96

400 SEVENTH STREET, N.W. WASHINGTON, D.C. 20004 PATENT

RECORDED: 06/28/1998

REEL: 9283 FRAME: 0213