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the Honorable Commiss	sioner of Patents a.	1014	83244	nal documer	nts or copy thereof	LO L
1. Name of convey	/ing party(ies):		2. Name and add	lress of rec	ceiving party(ies	): .6
Manabu Ohshima, Chujo	Tomohiro Inoue	and Hideki	Name: OMRON	CORPOR	RATION	5 4.S
Additional name(s) party(ies) attached		Yes X No	Internal Address: Street Address:		amifudoudou-ch ahigashiiru, Shic	
3. Nature of Conve	yance:			dori, Shii	mogyo-ku, Kyot	o-shi,
x Assignment	Merç	jer	City: Kyoto			
Security Agreer	nent Char	nge of Name	State:		Zip: 600-8530	)
Other			Country: Japan			
Execution Date(s):	9/18/00		Additional name(s		Yes	
MRD 9.20	000		address(es) attac	neu?	x No	
			B. Patent No.(s):	•		
co la	504		Additional numbe		d? Yes	× No
5. Name and addre	ss of party to whor	n correspondence d:		ers attache		× No
5. Name and addre concerning docume	ess of party to whor ent should be maile	d:	Additional numbe	ers attache of applicati	ons and	
5. Name and addre concerning docume Name: DICKSTEIN S	ess of party to whor ent should be maile SHAPIRO MORIN &	d: Oshinsky llp	Additional number 6. Total number of patents involved: 7. Total fee (37 C x Enclosed	of application F.R 3.41)	ons and \$\$40.0	00
5. Name and addre concerning docume Name: DICKSTEIN S Internal Address:	ess of party to whor ant should be maile SHAPIRO MORIN & Atty. Dkt.: N0520.0	d: OSHINSKY LLP 0035/P035	Additional number 6. Total number of patents involved: 7. Total fee (37 C x Enclosed	of application F.R 3.41)	ons and	00
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5. Name and addre concerning docume Name: DICKSTEIN S Internal Address: Attn: Street Address:	Atty. Dkt.: N0520.0 2101 L Street N State: Z	id: OSHINSKY LLP 0035/P035 co W ip: 10037 - 1526	Additional number 6. Total number of patents involved: 7. Total fee (37 C X Enclosed Authorize X Credit any debit any	ers attache of application F.R 3.41) d to be cha y overpayr underpayr	ons and \$\$40.0 arged to deposit ment or ment	00
<ul> <li>5. Name and address concerning docume</li> <li>Name: DICKSTEIN \$</li> <li>Internal Address:</li> <li>Attn:</li> <li>Street Address:</li> <li>City:</li> <li>Washington</li> <li>9. Statement and</li> </ul>	Atty. Dkt.: N0520.0 Thomas J. D'Amid 2101 L Street N State: Z DC 2 d signature. <i>my knowledge a</i> <i>copy of the origin</i>	d: OSHINSKY LLP 0035/P035 co W ip: 00037 - 1526 DO NOT USE nd belief, the f <b>yp</b>	Additional number 6. Total number of patents involved: 7. Total fee (37 C X Enclosed Authorize X Credit any 8. Deposit according	ers attache of application c.F.R 3.41) d to be cha y overpayr underpayr unt numbe s true and Se	ons and \$\$40.0 arged to deposit ment or ment er: 4 - 1073	00 t account

# PATENT REEL: 011138 FRAME: 0638

#### ASSIGNMENT

	THIS ASSIGNMENT, made this <u>18th</u> day of <u>September</u> , 2000	by:
(a)	Manabu OHSHIMA	
(b)	Tomohiro INOUE	
(c)	Hideki CHUJO	
(d)		
(e)		
c/c	after referred to as the assignors), respectively residing at o OMRON CORPORATION, 801, Minamifudoudou-cho, Horikawahigashii iokouji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 Japan	ru,
(g)	Same as above	
(h)	Same as above	
(i)		
(j)		

witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in TWO-DIMENSIONAL DOT CODE AND READER THEREOF set forth September 18, September 18, in an application for Letters Patent of the United States, executed on a) 2000 ; b) 2000 September 18, (c) 2000 (d) ; and e) respectively, or has already been filed as U.S. application Serial No.\_\_\_\_\_, filed on \_\_\_\_\_

WHEREAS, OMRON CORPORATION a corporation duly organized under and pursuant to the laws of <u>Japan</u> having its principal place of business at <u>801</u>, <u>Minamifudoudou-cho</u>, pursuant to the laws of <u>Japan</u> Harris . Horikawahigashiiru, Shiokouji-doori, Shimogyo-ku, hereinafter referred to as the Kyoto-shi, Kyoto 600-8530 Japan assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, the said assignor(s) have sold, assigned, transferred as set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right,

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title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters patent or Patents in the United States of America which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor(s), had this sale and assignment not been made:

AND for the same consideration, the said assignor(s) hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor(s) is/are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said assignor(s) have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor(s) hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignor(s) will, whenever counsel of the said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the said assignee, its successors, legal representatives and assigns.

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AND said assignor(s) hereby request the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee, as the assignee of said inventions and the Letters patent to be issued thereon for the sole use and benefit of the said assignee, its successors, legal representatives and assigns.

AND said assignor(s) the undersigned hereby grant(s) the following individuals 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 Office for recordation of this document:

#### DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP

Gary M. Hoffman, Reg. No. 26,411; Thomas J. D'Amico, Reg. No. 28,371; Donald A. Gregory, Reg. No. 28,954; James W. Brady, Jr., Reg. No. 32,115; Jon D. Grossman, Reg. No. 32,699; Mark J. Thronson, Reg. No. 33,082; Eric Oliver, Reg. No. 35,307; John A. Wasleff, Reg. No. 36,047; Laurence E Fisher, Reg. No. 37,131; John Fuisz, Reg. No. 37,329; Robert L. Hails, Jr., Reg. No. 39,702; William E. Powell, III, Reg. No. 39,803; and James M. Silbermann, Reg. No. 40,413.

AND the said assignor(s) acknowledge an obligation of assignment of this invention to said assignee at the time the invention was made.

Date September 18, 2000

Date September 18, 2000

Date September 18, 2000

Assignor Manabu Chifuina Assignor Forrohiro Inove Assignor Hideki Chujo

Date \_\_\_\_\_

Date

Assignor\_\_\_\_\_

\* This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither then it should be signed before at least two witnesses who also sign here.

- 3 -

Date: September 18, 2000 Date: September 18, 2000

Witness: Masami Tada Witness: Rie akiyama

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#### **RECORDED: 09/20/2000**