07-14-2000

U.S. PATENT AND TRADEMARK OFFIC

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To be interced to Commissioner of Plates and Treatment. Preser word he actioned original document or copy haved. Name of conveyling party(les): Messya WAJIMA Additional name(e) of conveyling party(les) attached? I yee Isno Additional name(e) of conveyling party(les) attached? I yee Isno Additional name(e) of conveyling party(les) attached? I yee Isno Additional name(e) of conveyling party(les) attached? I yee Isno Additional name(e) of conveyling party(les) attached? I yee Isno Additional name(e) of conveyling party(les) attached? I yee Isno Additional name(e) of conveyling party(les) attached? I yee Isno Additional name(e) of conveyling party(les) attached? I yee Isno Additional name(e) of conveyling party(les) attached? I yee Isno Additional name(e) of conveyling party(les) attached? I yee Isno Additional name(e) of conveyling party(les) attached? I yee Isno Additional name(e) of address(e) attached? I yee Isno Additional name(e) of address(e) attached? I yee Isno Additional name(e) of address(e) attached? I yee Isno Additional name(e) of the application is: A Patent Application No. 09/025,075 B. Patent No.(e) Additional name(e) of the application is: A Patent Application No. 09/025,075 B. Patent No.(e) Additional name(e) of the application is: A Patent Application No. 09/025,075 B. Patent No.(e) Additional name(e) of the application is: A Patent Application No. 09/025,075 B. Patent No.(e) Additional name(e) of the application is: A Patent Application No. 09/025,075 B. Patent No.(e) Additional name(e) of the application is: A Patent Application No. 09/025,075 B. Patent No.(e) Additional name(e) of the application is: A Patent Application No. 09/025,075 B. Patent No.(e) Additional name(e) of the application is: A Patent Application No. 09/025,075 B. Patent No.(e) A Patent Application No. 09/025,075 B. Patent No.(e) A Patent Applicati		ECORDATION FORM COVER SHEET PATENTS ONLY
Additional name(e) of conveying party(les) strached? yes 8no (2a.) Name Muratia Memylachurino Co., Ltd. Address: 22-10 Taninin 2-chome. Negacitativo-thil. Knoto-flu \$17-55 Japan (2b.) Name Strach Address: 22-10 Taninin 2-chome. Negacitativo-thil. Knoto-flu \$17-55 Japan (2b.) Name Address: 22-10 Taninin 2-chome. Negacitativo-thil. Knoto-flu \$17-55 Japan Address: 22-10 Taninin 2-chome. Negacitativo-thil. Knoto-flu \$17-55 Japan Address: Additional name(s) & address(cs) strached? Cyes 8no Additional numbers strached Cyes 4no Cyes	To the Honorable Commissioner of Palants and Tradamarks: I	lesse record the attached original documents or copy thereof.
Name of Conveyance: Address:	Name of conveying party(les): Masaya WAJI	MA . 2. Name and address of receiving party(ias):
S. Name of Conveyance:	Additional name(s) of conveying party(les) att	Name: Murata Menutacturing Co., Ltd. Address: 26-10 Tenjin 2-chome, Nagaokakvo-ehi, Kvoto-fu 617-855
Address: Additional name(s) & address(es) attached? Ques Mino	3. Name of Conveyance:	(2b.)
Additional name(s) & address(es) attached? Quee 28no	_	NameAddress:
Execution Date: March 14, 2000 4. 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. 09/825,075 B. Patent No.(s) Additional numbers attached yes □ no 5. Name and address of party to whom correspondence concerning document should be mailed. Name: Joseph R. Kesting, Esq., Internal Address: (EATING & BENNETT LLP) Street Address: 10400 Eaton Place, Suite 312 City: Fairfax: Stalls: VA ZIP 2000 DO NOT USE THIS SPACE 9. Statement and alignature. 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 documents are of Person Signing. Total number of pages comprising cover sheet, attachmente and documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignment Westington, D. C. 20231		·
4. Application number(e) or patent number(s): If this document is being filed together with a new application, the execution date of the epplication is: A. Patent Application No. 09/325,075 B. Patent No.(s) Additional numbers attached yes	Security Agreement Change of Nam	Additional name(s) & address(es) attached? Qyes Eno
A. Patent Application No. 09/625,075 B. Patent No.(s) Additional numbers attached yea Inco 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joseph R. Kesting, Esg. Internal Address: KEATING & BENNETT LLP Street Address: 10400 Eaton Place, Suite 312 City: Eairlax Siste: VA ZIP 22030 DO NOT USE THIS SPACE 9. Statement and alignature. To the best of my knowledge and bellef, the foregoing information is true and correct and any attached copy is a true copy of the original documents to be recorded with required cover sheet information to: Assistant Committee or Patents Box Assignment Mail documents to be recorded with required cover sheet information to: Assistant Committee or Patents Box Assignment Weathington, D.C. 20231	Execution Date: March 14, 2000	
A. Patent Application No. 09/525,075 Additional numbers attached yes Ino Additional numbers attached yes Ino 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joseph R. Kesting, Eso. Internal Address: KEATING & BENNETT LLP Street Address: 10400 Eaton Place, Suite 312. City: Fairfax State: VA ZIP 22030 DO NOT USE THIS SPACE 9. Statement and eignature. 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 documents to be recorded with required cover sheet, attachments and documents to be recorded with required cover abeet information to: Assistant Committeeloner for Patents Box Assignament Weachingfor, D.C. 20231		
Additional numbers attached		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joseph R. Kesting, Eso. Internal Address: KEATING & BENNETT LLP Street Address: 10400 Eaton Place, Suite 312 City: Fairfax State: VA ZIP 22030 DO NOT USE THIS SPACE 9. Statement and alignature. 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 documents to be recorded with required cover sheet information to: Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patients Box Assignment Westingfor, D.C. 20221	A. Patent Application No. 09/525,0	75 B. Patent No.(s)
DO NOT USE THIS SPACE 9. Statement and alignature. To the best of my knowledge and bellef, the foregoing information is true and correct and any attached copy is a true copy of the original docum. Joseph R. Keating, Reg. No. 37,368 Name of Person Signing Total number of pages comprising cover sheet, attachments and docum. Mall documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignment Washington, D.C. 20231	document should be mailed: Name: <u>Joseph R. Kesting, Eso.</u> Internal Address: <u>KEATING & BENNE</u> Street Address: <u>10400 Eaton Place, S</u>	7. Total fee (37 CFR 3.41):\$ 40.00
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 docum. Joseph R. Keating, Reg. No. 37,368 Name of Person Signing Total number of pages comprising cover sheet, attachments and docum. Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignment Washington, D.C. 20231		8. Deposit account number: 50-1353
To the best of my knowledge and bellef, the foregoing information is true and correct and any attached copy is a true copy of the original documents. Joseph R. Keating, Reg. No. 37,368 Name of Person Signing Total number of pages comprising cover sheet, attachments and documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignment Washington, D.C. 20231		DO NOT USE THIS SPACE
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REEL: 010907 FRAME: 0927

Attorney Docket No.: 36856.285

ASSIGNMENT (WORLDWIDE)

WHEREAS, I, Masaya WAJIMA (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled MOTHER SUBSTRATE, SUBSTRATE ELEMENT, AND METHOD FOR MANUFACTURING THE SAME for which application for Letters Patent of the United States has been
executed on even date herewith; filed on as Serial No
WHEREAS, Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyoshi, Kyoto-fu 617-8555 JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.
Dated: March 14, 2000 Masaya WAJIMA

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030700/1623/36856.00005

RECORDED: 06/07/2000

PATENT REEL: 010907 FRAME: 0928