PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Eiichi IIJIMA	11/18/2009
Muneto HAKOMORI	11/18/2009
Toshiharu KURAUCHI	11/18/2009
Takanobu YANO	11/18/2009
Yuichi ORII	11/18/2009

RECEIVING PARTY DATA

Name:	ULVAC, INC.
Street Address:	2500 Hagisono
City:	Chigasaki-shi
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12601097

CORRESPONDENCE DATA

Fax Number: (603)668-2970

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

Phone: 603-668-6560

Email: mstlaurent@gtpp.com

Correspondent Name: GROSSMAN, TUCKER, PERREAULT & PFLEGER, P

Address Line 1: 55 SOUTH COMMERICAL STREET

Address Line 4: MANCHESTER, NEW HAMPSHIRE 03101

ATTORNEY DOCKET NUMBER: SIP056

NAME OF SUBMITTER: Edmund P. Pfleger

Total Attachments: 4

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PATENT REEL: 023550 FRAME: 0268 OF \$40.00 12601097

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> PATENT REEL: 023550 FRAME: 0269

Attorney Docket No.

ASSIGNMENT

WHEREAS I, the below named inventor, hereinafter referred to as Assignor(s), have made an invention entitled:

METHOD AND APPARATUS FOR MANUFACTURING SEALED PANEL

AND METHOD AND APPARATUS FOR MANUFACTURING PLASMA DISPLAY PANEL

executed on even date herewith and about to be filed in the United States Patent Office; or for which U.S. Patent Application Ser. was filed on :

WHEREAS ULVAC, Inc., a corporation of Japan having a place of business at 2500, Hagisono, Chigasaki-shi, Kanagawa 253-8543 Japan (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for an in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right title and interest in and to this invention and this application, and all divisions, continuations, and continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, reexaminations, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect title to this invention in assignee, its successors and assigns, execute all divisional, continuation, continuation-in-part, reissue, and reexamination applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this Invention in the United States and any foreign country, it being understood than any expense incident to the execution of such papers shall be borne by assignee, its successors and assigns.

WITNESS my hand and seal this $_1$	8th day of November, 2009
	Eich Lijino
	Eiichi IIJIMA c/o ULVAC, Inc., 2500, Hagisono, Chigasaki-shi, Kanagawa 253-8543 Japan
STATE OF)) SS.
COUNTY OF)
Then personally appeared the above name free act and deed, before me, this day of	and acknowledged the foregoing instrument to be,
SEAL	Notary Public
WITNESS my hand and seal this	18th day of November , 2009 . Munite Hakomori Muneto Hakomori c/o ULVAC, Inc., 2500, Hagisono, Chigasaki-shi, Kanagawa 253-8543 Japan
STATE OF)) SS.
COUNTY OF)
Then personally appeared the above name free act and deed, before me, this	and acknowledged the foregoing instrument to be day of, .
SEAL	. Notary Public

WITNESS my hand and seal this	18th day of November , 2009 .
,	Toshiharu Kurauchi Toshiharu KURAUCHI c/o ULVAC, Inc., Tsukuba Institute for Super Materials, 5-9-6, Tokodai, Tsukuba-shi, Ibaraki 300-2635 Japan
STATE OF)
STATE OF) SS. _)
Then personally appeared the above name free act and deed, before me, this	ned and acknowledged the foregoing instrument to be day of,
SEAL	, Notary Public
WITNESS my hand and seal this	18th day of November , 2009 .
	Takanobu Yano
	Takanobu YANO c/o ULVAC, Inc., Tsukuba Institute for Super Materials, 5-9-6, Tokodai, Tsukuba-shi, Ibaraki 300-2635 Japan
STATE OF	_)
STATE OF) SS. _)
Then personally appeared the above nam free act and deed, before me, this	and acknowledged the foregoing instrument to be day of, .
SEAL	Natara Dublia

WITNESS my hand and seal this	18th	day of November	,	2009 ·
		wichi a	l I	
	Yuichi ORII			
	c/o ULVAC, Inc., 2500, Hagisono, Chigasaki-shi, Kanagawa 253-8543 Japan			
STATE OF)) SS.			
COUNTY OF)			
Then personally appeared the above name free act and deed, before me, this			the foreg	oing instrument to be
SEAL				
	, 1	Notary Public		