Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| EFFECTIVE DATE: | 10/31/2006 |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| Toshiharu KURAUCHI | 10/31/2006 |
| Muneto HAKOMORI | 11/04/2006 |
| Kazuya UCHIDA | 10/31/2006 |
| Shunji MISAWA | 11/02/2006 |

RECEIVING PARTY DATA

| Name: | ULVAC, INC |
|-----------------|-------------------------|
| Street Address: | 2500 Hagisono, |
| City: | Chigasaki-shi, Kanagawa |
| State/Country: | JAPAN |
| Postal Code: | 253-8543 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11594987 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 060519 |
|-------------------------|----------------|
| NAME OF SUBMITTER: | Mel R. Quintos |

PATENT REEL: 018796 FRAME: 0423

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Total Attachments: 1

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PATENT REEL: 018796 FRAME: 0424

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by (Insert ASSIGNEE's ULVAC, INC. Name(s) Address(es)) 2500 Hagisono, Chigasaki-shi, Kanagawa 253-8543 Japan (hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled: (Title of Invention) PROTECTIVE FILM FOR PLASMA DISPLAY PANEL AND METHOD FOR MANUFACTURING THIS PROTECTIVE FILM, AND PLASMA DISPLAY PANEL AND METHOD FOR MANUFACTURING THEREOF (*If the assignment is for which application for Letters Patent of the United States was executed on even date herewith being filed after the unless otherwise indicated below: filing of the November 9, 2006 application, this * filed on _____, Serial No. 11/594,987 section must be completed) (Armstrong, Kratz, Quintos, Hanson & Brooks, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted. The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient. The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent 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, litigation, or other legal proceeding. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Signatures) (Signature) Toshiharu KURAUCHI (Type Name) (Type Name) **Muneto HAKOMORI** (Type Name)

Kazuya UCHIDA

(Type Name)

Shunji MISAWA

(Type Name)

(Type Name)

(Type Name)

NO LEGALIZATION REQUIRED

RECORDED: 01/24/2007

(Signature)

(Signature)

PATENT REEL: 018796 FRAME: 0425

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2006.11,2

(Date)

(Date)

(Date)

(Date)