11-05-2002		
Form PTO-1595 RECORDATION FORM COVI 102272555	J.S. Department of Commerce Patents & Trademark Office Attorney Docket No. 101136-00079 Date: October 31, 2002	
To the Assistant Commis Please record the attached original	sioner of Patents	
1. Name of conveying party(ies) 1) Noriaki TANI 2) Toshihiro SUZUKI 4) Hiroaki KAWAMURA Additional name(s) of conveying party(ies) attached?	2. Name and address of receiving party(ies): Name: ULVAC, Inc. Address: 2500, Hagizono, Chigasaki-shi, Kanagawa 253-0071, Japan Additional name(s) & address(es) attached? ☐ Yes ☐ No	
 Assignment Merger Security Agreement Change of Name Other Execution Date: <u>1), 2), 3), 4) on September 30, 2002</u> 		
 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the exect A. Patent Application No.(s) 10/284287 	2002, 6) and 7) October 7, 2002 B. Patent No.(s)	
Additional numbers attached?	/es 🛛 No	
Name and address of party to whom correspondence concerning document should be mailed:	 Total number of applications and patents involved: One 	
Name: Arent Fox Kintner Plotkin & Kahn PLLC	7. Total fee (37 CFR 3.41) \$ 40.00	
Street Address: 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339	 Included in attached check. Any additional fees are authorized to be charged to deposit account 	
701/2002 TGEDANU1 00000020 10284287 FC:8021 40.00 0P	 8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account) 	
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PATENT REEL: 013441 FRAME: 0173

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	Attorney Docket No. 101136-00079 Date: October 31, 2002	31/2
To the Assistant Commissioner of Patents Please record the attached original documents or copy thereof		
1. Name of conveying party(ies)	2. Name and address of receiving party(ies):	
5) Satoru ISHIBASHI 7) Takafumi MATSUMOTO 6) Kouichi HANZAWA	Name: ULVAC, Inc.	
Additional name(s) of conveying party(ies) attached?	Address: 2500, Hagizono, Chigasaki-shi, Kanagawa 253-0071, Japan	
🗋 Yes 🛛 No	Additional name(s) & address(es) attached?	
	🗆 Yes 🖾 No	
3. Nature of conveyance:		
Assignment Gecurity Agreement Change of Name Other		
Execution Date: 5) September 30, 2002, 6) and 7) October 7, 2002		
 Application number(s) or patent number(s): If this document is being filed together with a new application, the exe 	cution date of the application is: <u>1), 2), 3), 4), 5) on Sectember 30</u> 2002, 6) and 7) October 7, 2002	-
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 Statement and signature. To the best of my knowledge and belief, the foregoing information is to copy of the original document. 	rue and correct and any attached copy is a true	
George E. Oram, Jr. October 31, 2002		
Name of Person Signing Reg. No. 27,931 Total number of	pages including over sheet, attachments, and document: 3	

PATENT REEL: 013441 FRAME: 0174

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC

Docket No:

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventors (hereinafter ASSIGNOR) by:

ULVAC, Inc.

of 2500, Hagizono, Chigasaki-shi, Kanagawa 253-0071 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:

THIN FILM FORMING APPARATUS AND METHOD

for which application for Letters Patent of the United States was filed on _______, and assigned Serial No._______ (Arent Fox Kintner Plotkin & Kahn, PLLC is hereby authorized to insert the series 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, renewal, 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 application and any continuing, 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, division, 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 inventors have affixed their signatures.

Noriaki TANI	Novalo Tow (SIGNATURE)	September 30 2002 (DATE)
Toshihiro SUZUKI	Joshih vo duguki (SIGNATURE)	<u>September 38, 22</u> (DATE)
Satoshi IKEDA	(SIGNATURE)	500, 30, 2002 (DATE)
Hiroaki KAWAMURA	(SIGNATURE)	September 30, 2002 (DATE)
Satoru ISHIBASHI	Satom Johnostin (SIGNATURE)	<u>Sep. 36 2002</u> (DATE)
Kouichi HANZAWA	Kouéchi Hangawa. (SIGNATURE)	Dct. 7. 202. (DATE)
Takafumi MATSUMOTO	Jakafumi Matrumoto (SIGNATURE)	Oct, 7.2002 (DATE)

÷. ,

NO LEGALIZATION REQUIRED

RECORDED: 10/31/2002

PATENT REEL: 013441 FRAME: 0175