FORM PTO-1595 (modified)	09-30-19	<del></del> 98	SHEET		MENT OF COMMERCE
Heo 9-18-98 To the Honorable Assistant Secretary ar			s: Please red	cord the attached of	original
document(s) or copy(ies) thereof.  1. Name of conveying party(ies):	100841626		d address of	receiving party(i	es):
Toshihiko KANAYAMA; Tetsuya TADA; Richard E. PALMER; and Alexander P.G. ROBINSON		Name: 1) Japan as represented by Director General of Agency of Industrial Science and Technology; and 2) The University of Birmingham			
Additional name(s) of conveying party(ies) attached? No					
3. Nature of conveyance:			Street Address: 1) 3-1, Kasumigaseki 1-chome, Chiyoda-ku: and 2) Edgbaston		
X Assignment Merger Security Agreement Change of Name Other			City: 1) Tokyo-to; and 2) Birmingham B15 27 Country: 1) Japan; and 2) United Kingdom		
Execution Date: <u>September 10, 1998, September 10, 1998, September 8, 1998, and September 8, 1998, respectively</u>			name(s) & address(	es) attached? <u>no</u>	1 U.S. 1571
4. Application number(s) or patent nur	mber(s):	<u> </u>			98
If this document is being filed together w September 10, 1998, September 8, 19 A. Patent Application No.(s)		1998, resi		cation is: <u>Septemb</u>	per 10, 1998,
09/157103	Additional numbers	 s attached?	? No		
5. Name and address of party to whom correspondence concerning document should be mailed:			Total number of applications and patents involved:     One		
Name: <u>WENDEROTH, LIND &amp; PONACK, L.L.P.</u> <u>Attn: Matthew Jacob, Esq.</u>			7. Total fee (37 C.F.R. § 3.41)\$40.00		
Street Address: 2033 K Street, N.W., Suite 800		X Enclosed (Check No. <u>2 99/</u> ) Authorized to be charged to deposit account			
City: <u>Washington,</u> State: <u>DC</u> ZIP: <u>20006</u>		8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)			
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Statement and signature.					
To the best of my knowledge and belie the original document.	f, the foregoing information	on is true ai	nd correct and ar	ny attached copy is	s a true copy of
Matthew Jacob, Reg. No. 25,154	Monund	UD)		ptember 18, 1998	<u> </u>
Name of Person Signing	Signature	Tota	Da I number of nad	ite g <b>es including cov</b>	or sheet. Three
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		<del></del>		PATENT	

REEL: 9476 FRAME: 0895

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned Toshihiko KANAYAMA, Insert Name(s) of Inventor(s) Tetsuya TADA, Richard E. PALMER and Alexander P.G. ROBINSON the undersigned hereby sell(s) and assign(s) to Japan as represented by DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE Insert Name(s) AND TECHNOLOGY of 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo-to, Japan; of Assignee(s) and The University of Birmingham of Edgbaston, Birmingham Bl5 2TT, United Kingdom Address (hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as Title of Invention ELECTRON BEAM RESIST for which an application for patent in the United States has been executed by the undersigned on Date of Signing of Application 10th, 10th, 8th and 8th of September, 1998, respectively

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

PATENT REEL: 9476 FRAME: 0896 The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date September 10, 1988	. Name of Inventor	Joshilika Kanoy and
Sat 10, 199.	No.	Tety Toshihiko KANAYAMA
Date	, Name of Inventor _	Tetsuya TADA
Date 8 9 98		
Date <u>8/9/98</u>	, Name of Inventor	Sku
Date	. Name of Inventor _	Alexander P.G. ROBINSON
(This assignment should ption by the Inventor(s) should be	referably be acknowledg	ged before a United States Consul. If not, then the execu
Witness	1 C 2 1	Uchida Moriyuki Kirta Saman
Witness	(D.	A with Shouse
	ACKNOWLE	EDGEMENT
		10 before my
This	day of	, 19, before me
personally came the above name	ed	
to me personally known as the in that he (they) executed the sam	ndividual(s) who execute e of his (their) own free	ed the foregoing assignment, who did acknowledge to not will for the purposes therein set forth.
	,	
		Official Signature
SEAL	Agricultura and Arrival specific	Official Title
The above application	may be more particular	rly identified as follows:
U.S. Application Serial No.	u	Filing Date
Applicant Reference Number		Atty Docket No
Title of Invention	****	

**RECORDED: 09/18/1998** 

PATENT REEL: 9476 FRAME: 0897