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FORM PTO-1595 (Rev. 6-93)			761	U.S. Department of Commerce Patent And Trademark Office	
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To the Hor orable Commissioner of Patent	ts and Trademarks: Please record	the attached original	locument or copy thereof.	<u> </u>	
1. Name of conveying party(ies):		2. Name a	nd address of receiving party(ie.	s):	
	<u>Date</u>	Name:	Applied Materials, Inc.		
John M. White	June 18, 1998			200	
Norman L. Turner	June 23, 1998	Interna	Address: P.O. Box 450-	A 50	
Robin L. Tiner	June 23, 1998			00	
Ernst Keller	June 23, 1998				
Shinichi Kurita Wendell T. Blonigan	June 18, 1998 June 23, 1998	Street /	Address:		
David E. Berkstresser	June 23, 1998	Succip	.uu:css		
David E. Bellau ober					
Additional name(s) of conveying party(ies	s) attached? YesX No	City:	Santa Clara State:	CA Zip: 95052	
3. Nature of conveyance:					
X Assignment	Merger	Additional	name(s) & address(es) attached	? Yes <u>X</u> No	
Security Agreement	_ Change of Name				
Other	n	neus			
		3-13-01			
Execution Date: SEE A	BOVE	,-15			
A. Patent Application No.(s) B. Patent No.(s) Additional numbers atta	9881009 ached? _ Yes <u>X</u> No				
Name and address of party to whom co document should be mailed:	orrespondence concerning	6. Total n	umber of applications and patent	is involved:1	
Name: Patent Counsel		7. Total fe	ee (37 C.F.R. 3.41)	\$ 40.00	
Internal Address: APPLIED MATI	EDIALS INC	Enc	osed		
Internal Address: APPLIED MATE	ERIALS, INC.				
- AP-		X Aut	horized to be charged to deposit	account	
And the second s		50-	1074/2688.D1/DISPLAY/AKT/	BG	
Street Address: P.O. Box 450-A					
Street Address. 1.0. Day 450-A			account number: 074/2688.D1/DISPLAY/AKT/E	3G	
	C.) 7: 05052				
City: Santa Clara State:	CA Zip: 95052				
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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 document.					
ROBERT W. MULCAHY REG: 25,436					
Name of Person Signing Signature Date					
	_		//		
		Total number of	pages including cover sheet, atta	ohmente and documents 2	

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT REEL: 011913 FRAME: 0955

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

- 1) John M. White 2811 Colony View Place, Hayward, California 94541
- Norman L. Turner
 So4 Bay Drive, Vero Beach, Florida 32963
- 3) Robin L. Tiner 144 Lance Court, Santa Cruz, California 95065
- 4) Ernst Keller 259 Leota Avenue, Sunnyvale, California 94086
- 5) Shinichi Kurita 3532 Rollingside Drive, San Jose, California 95148
- 6) Wendell T. Blonigan 32478 Monterey Road, Union City, California 94586
- 7) David E. Berkstresser 19311 Bear Creek Road, Los Gatos, California 95030

(hereinafter referred to as Assignors), have invented a certain invention entitled:

SUBSTRATE TRANSFER SHUTTLE

for which application for Letters Patent in the United States was executed on even date herewith; and

WHEREAS, Applied Komatsu Technology, Inc., a corporation of Japan, having a place of business at No. 1, 7 ban 2-chome, Nishishinjuku, Tokyo, Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and

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any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

- Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filling and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filling and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

Λ

1)	<u>6/18</u> , 1998	John M. White
2)	$\frac{6/23}{}$, 1998	Mannan Turner
3)	6/23 , 1998	Robin L. Tiner
4)	<u>6/23</u> , 1998	Ernst Keller
5)		Shinichi Kurita
6)	<u>////</u> , 1998	Wendell T. Blonigan
7)	<u>42-3</u> , 1998	David E. Berkstresser

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RECORDED: 06/13/2001