ORM TO-1595 RECO  I.S. DEPARTMENT OF COMMERCE 31-92	Patent and Trademark Off
To the Honorable Commissioner of Patents and 7	101122198 on ginal documents or copy thereof.
I. Name of conveying party(ies): Eugene Lapidous, Guofang Jiao  Additional name(s) of conveying party(ies) attached? [ ]Yes [ X] No  3. Nature of Conveyance: [ X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name  Execution Date: August 2, 1999	2. Name and address of receiving party(ies):  Name: Trident Microsystems, Inc.  Street Address: 2450 Walsh Avenue Santa Clara, CA 95051  Additional name(s) & address(es) attached? [ ] Yes [ X ] No
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the  A. Patent Application No.(s)	execution date of the application is: August 2, 1999  B. Patent No.(s)
Additional numbers attach	ed? []Yes [X]No
5.Name and address of party to whom correspondence concern document should be mailed:  Name: Patent Department Internal Address: GRAY CARY WARE & FREIDENRICH 400 Hamilton Avenue Palo Alto, California 94301	6. Total number of applications  1  and patents involved:
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August 2, 1999

Date

## Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. T0471-991110

his is an A	ssignment of the following rights, titl	le and interest: (check all that apply):			
$\boxtimes$	United States of America rights, title and interest in the invention				
$\boxtimes$	Foreign rights, title and interest in the invention				
	United States Patent Application Serial No.				
	Date of Execution:	Date of Filing:			
	United States Provisional Patent A				
	International (PCT) Patent Application Serial No.				
	Other (specify)				
Title of the I	Invention				
	FLOATING-PC	DINT COMPLEMENTARY DEPTH BUFFER			
nventors (a.	ssignors)				
	Name	Address			
Eugene La	pidous	2054 Roth Place, Santa Clara, California 95051			
Guofang Ji	ao	1279 San Moritz Drive, San Jose, California 95132			
Assignee					
Name		Address			
Trident Mic	crosystems, Inc.	2450 Walsh Avenue Santa Clara, CA 95051			

## Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. T0471-991110

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date	
Eugene Lapidous	lier 8/2/1999	
Guofang Jiao	majary Jan 8/2/1999.	

Page 2 of 3

PATENT REEL: 010171 FRAME: 0160

## Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. T0471-991110

(Although notarization is not necessary, it will be considered prim	otarization no facie evidence of execution pursuant to 35 U.S.C. 261.)
(Although notalization is not necessary, it will be considered print	a justice contained by another parameters and a second contained by a second contain
Executed this 2rd day of August	, in the year 1999
at PAWA Ho, California	
(PAW ATTO, CATIFORNIA	
	ili
0 10	(Signature of Inventor)
State of California	
County of Som Markeo	
County of 6 147 Vi 1771 SSO	
Before me personally appeared Eugene Lapidous	
	act and deed and also represented that he or she is authorized to
execute the same this 2 not day of Augus	1 . 4
VIVIAN F. LOPEZ	
Comm. # 1113368	1, 4
NOTARY PUBLIC - CALIFORNIA UI	Luant.
	(Notary Public)
Executed this and day of August	, in the year 1999
at Palo Alto, Colifornia	
OHIO WILL HAVIND	Compleme has
	(Signature of Inventor)
State of CAlifornia	(alg.marc of twenter)
County of SAN MA LED	
Before me personally appeared Guofang Jiao	
	act and deed and also represented that he or she is authorized to
execute the same this 2nd day of August	, in the year 1999
VIVIAN F. LOPEZ	
Comm. # 1113368 10	
NOTARY PUBLIC CALIFORNIA	Motor Public
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execute the same this day of	, in the year

(Notary Public)