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FORM PTO-1595		'ER SHEET	U.S. Department of Commerce
(Rev. 6-93)	11-01-1999		
OMB No 0651-0011 (exp. 4/94)		Υ	Patent and Trademark Office
To the Hono Name of conveying party(ı	d the attached orig	ginal document or copy thereof.
1. Name of conveying party(101186900	ie and address of	freceiving party(ies):
J. Brian Fowlkes, Paul L. Carson, Aaron Moskalik. Jian-Feng Chen. and Jonathan M. Rubin Additional name(s) of conveying party(ies) attached, Yes No		Name: The Regents of The University of Michigan Internal Address:	
3. Nature of conveyance: Assignment Security Agreement Other	Merger Change of Name	Street Address: W 3003 South Stat	olverine Tower, Room 2071, te Street
Execution Date: January 21, 1998; January 23, 1998; and April 8, 1998		City: Ann Arbo	or State: MI zip: 48109-1280
		Additional name(s) & address(es) attached? Yes No	
4. Application number(s) or registration	onnumber(s):		
If this document is being filed toge	ther with a new application, the execution date	of the application is:	
A Patent Application No.(s):		B. Patent No.(s):	
08/981,058			
00,701,000	Additional numbers atta	ched? Yes No	
5. Name and address of party to whom document should be mailed:	n correspondenceconcerning	6. Total number of app	lications and patents involved: 1
Name: D. C. Toedt Arnold, White & Durkee P.O. Box 4433 City: Houston State: Texas Zip: 77210		Enclosed Authorized to be if check insufficient or in a second number of the second number o	a.41)\$ 40.00 e charged to deposit account nadvertently omitted Ther: 01-2508/UMIC:011/TOE py of this page if paying by deposit account
	DO NOT USE THE	SSPACE	
9. Statement and signature. To the best of my knowledge and b D. C. T	elief the foregoing information is true and cor	rect and any attached copy	is a true copy of the original document.
Name of Person Signii		Signatu	
		Total number of pages incl	luding cover sheet, attachments and documents.
7/1998 WCLAYBRD 00000054 08981058	Mail documents to be recorded with requi Commissioner of Patents and Trade Washington, D.C	emarks,Box Assignment	
±581 40.	EXPRESS MAIL N	AILING LABEL	
	EM 236 302 754 US		
I hereby o	DEPOSIT 13 April 1998 certify that this paper or fee is being deposes MAIL POST OFFICE TO ADDRESSES above and is addressed to: Assistant Co	E" service under 37 C.F. mmissioner for Patents,	R. 1.10 on the date
25201.	Signal	ture	-

PATENT

REEL: 010341 FRAME: 0888

<u>ASSIGNMENT</u>

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to THE REGENTS OF THE UNIVERSITY OF MICHIGAN (the "Assignee"), having a place of business at Wolverine Tower, Room 2071, 3003 South State Street, Ann Arbor, Michigan 48109-1280, the entire right, title and interest for the United States in and to any and all improvements which are disclosed in the International Application number PCT/US96/10189, filed on June 14, 1996, entitled METHOD AND APPARATUS FOR COMPOSITION AND DISPLAY OF THREE-DIMENSIONAL IMAGE FROM TWO-DIMENSIONAL ULTRASOUND SCAN DATA, claiming priority of United States provisional patent application number 60/000,257 of June 15, 1995, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States on any of such improvements; all original and reissued patents which have been or shall be issued in the United States on such improvements;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:	Date: $1 - 23 - 98$
Name: f. Brian Fowlkes	

BEFORE ME, the undersigned authority, on this the 3 day of anuary, 1998, personally appeared JBrian Fowlkes, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

ANITA DEMARIO
Notary Public, Monroe County, MI
My Commission Expires Sept. 22, 1999
Acting in Washtensov County, MI

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PATENT REEL: 010341 FRAME: 0889

Signature: Research	Date: 12/9
Name: Paul L. Carson	
BEFORE ME, the undersigned authority, on	this the day of Drumary, 1998,
personally appeared Paul L. Carson, known to me	to be the person whose name is subscribed to the
foregoing instrument and acknowledged to me that he	e executed the same of his own free will for the
purposes and consideration therein expressed.	Inter Demario
	Notary or Consular Officer ANITA DEMARIO Notary Public, Monroe Causty, MI
[SEAL]	My Commission Expires Sept. 22, 1999
	Acting in Washtenaw County, Mi
Signature: Acan Month	Date: $1/7/98$
Name: Aaron Moskalik	Date.
ragile. Auton Moskank	
BEFORE ME, the undersigned authority, on	this the 2 / day of ruaay, 1998,
personally appeared Aaron Moskalik, known to me	to be the person whose name is subscribed to the
foregoing instrument and acknowledged to me that he	e executed the same of his own free will for the
purposes and consideration therein expressed.	Aneta Demarco
	Notary or Consular Officer ANITA DEMARIO
[SEAL]	Notary Public, Monroe County, MI
	My Comnission Expires Sept. 22, 1999
C'	Acting in Washtenaw County, MI
Signature:	Date:
Name: Jian-Feng Chen	***
BEFORE ME, the undersigned authority, on	this the, day of, 199,
personally appeared Jian-Feng Chen, known to me	to be the person whose name is subscribed to the
foregoing instrument and acknowledged to me that h	
purposes and consideration therein expressed.	
	N. C. I. Off
[SEAL]	Notary or Consular Officer
[SEAL]	
	1/2/10
Signature: 2/	Date: 1/23/9/
Name: Jonathan M. Rubin	
	^ =
BEFORE ME, the undersigned authority, or personally appeared Jonathan M. Rubin, known to m	this the day of franciary, 199 8,
personally appeared Jonathan M. Rubin, known to m	te to be the person whose name is subscribed to the
foregoing instrument and acknowledged to me that h	
purposes and consideration therein expressed.	Quita Demario
	Notary or Consular Officer
[SEAL]	MITA DEMINIO
	Notary Public, Monroe County, Mil
	My Commission Expires Sept. 22, 1999

PATENT REEL: 010341 FRAME: 0890

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to THE REGENTS OF THE UNIVERSITY OF MICHIGAN (the "Assignee"), having a place of business at Wolverine Tower, Room 2071, 3003 South State Street, Ann Arbor, Michigan 48109-1280, the entire right, title and interest for the United States in and to any and all improvements which are disclosed in the International Application number PCT/US96/10189, filed on June 14, 1996, entitled METHOD AND APPARATUS FOR COMPOSITION AND DISPLAY OF THREE-DIMENSIONAL IMAGE FROM TWO-DIMENSIONAL ULTRASOUND SCAN DATA, claiming priority of United States provisional patent application number 60/000,257 of June 15, 1995, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States on any of such improvements; all original and reissued patents which have been or shall be issued in the United States on such improvements;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:	Date:		_
Name: J. Brian Fowlkes			
BEFORE ME, the undersigned author personally appeared J. Brian Fowlkes, known to foregoing instrument and acknowledged to me that and consideration therein expressed.	o me to be the perso	on whose name is sub	bscribed to the
[SEAL]	Notary or Con	isular Officer	

H 231493(4YMD011 DOC)

PATENT REEL: 010341 FRAME: 0891

Signature:	Date:
Name: Paul L. Carson	
BEFORE ME, the undersigned authority, on personally appeared Paul L. Carson, known to me to foregoing instrument and acknowledged to me that he exe and consideration therein expressed.	
[SEAL]	Notary or Consular Officer
Signature: Name: Aaron Moskalik	Date:
BEFORE ME, the undersigned authority, on personally appeared Aaron Moskalik, known to me to foregoing instrument and acknowledged to me that he exe and consideration therein expressed.	
	Notary or Consular Officer
[SEAL]	
Signature: Signat	this the $\frac{5}{1}$ day of $\frac{1}{1}$ day of $\frac{1}{1}$ the person whose name is subscribed to the
Signature: Name: Jonathan M. Rubin	Date:
BEFORE ME, the undersigned authority, on personally appeared Jonathan M. Rubin, known to me foregoing instrument and acknowledged to me that he exe and consideration therein expressed.	
ICEALI	Notary or Consular Officer
[SEAL]	

H 231493(4YMD011DOC)

RECORDED: 04/13/1999