ney Docket No. 014939-001700US

Form PTO-1595 (Rev. 03-01) OMB No. 0651-0027 (exp. 5/31/2002)	Re IIII		U.S. Department of Commerce U.S. Patent and Trademark Office
iab settings /) > ▼	▼ 1()	2202904	▼ ▼
1. Name of conveying party(ies): Gennady M. Goloshubin Valeri A. Korneev Additional name(s) of conveying parties 3. Nature of conveyance:	4-20-02	2. Name and address Name: The Reg Internal Address Street Address:	hed original documents or copy thereof ess of receiving party(ies) nents of the University of California 1111 Franklin St., 12th Floor
	☐ Merger	City: <u>Oakland</u>	State: <u>CA</u> ZIP: <u>94607-5200</u>
Security Agreement Other: Execution Date: 7/25/02 and 7/7/02	☐ Change of Name	Additional names ar	nd addresses attached? ☐ Yes ☒ No AUG 2 0 ②◎②
Application number(s) or patent			
,	• •	, the execution date of the	e application is:
A. Patent Application No(s):	10/137,201	B. Patent No(s)):
	Additional numbers	l attached? ☐ Yes ⊠ No	
Name and address of party to v concerning document should be		6. Total number of a	applications and patents involved 1
Name: William Michael Hynes TOWNSEND AND TOWNS Two Embarcadero Center, San Francisco, California 9 (415) 576-0200	8 th Floor	☐ Enclose	d sed to be charged to deposit account
		Deposit account r (Attach duplicate copy	number: 20-1430 of this page if paying by deposit account)
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document. Walliam A		SE THIS SPACE and correct and any atta	ached copy is a true of copy of the original
<u>William Michael Hyne∳</u> Name of Person S Atty. Reg. No. 24		Signature	Date
\$6000 DRYRNE 00000012 201430 10 40.00 CH SF #1374316 v1	Commissioner of Patents a	g cover sheet, attachments corded with required cove nd Trademarks, Box Assignron, D.C. 20231	r to:

PATENT

REEL: 13218 FRAME: 0932

ASSIGNMENT

	U.C.	Case	No.	IB-1	1633
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For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),			
1. Gennady M. (Goloshubin	2. Valeri A. Korneev	
hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin St., 12 th Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:			
FREQUENCY-DEPENDENT PROCESSING AND INTERPRETATION (FDPI) OF SEISMIC DATA FOR IDENTIFYING, IMAGING AND MONITORING FLUID-SATURATED UNDERGROUND RESERVOIRS			
and which is fou	nd in		
(a)	U.S. provisional application f	iled herewith and listing the above-named persons as inventors	
(b)	U.S. patent application filed h	nerewith and listing the above-named persons as inventors	
(c) <u>x</u>	U.S. application serial no. 10	0/137,201, filed on 4/30/02	
(d)	U.S. Patent No.:	_, issued	
and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;			
	ereby covenants that no assignmen which would conflict with this assig	nt, sale, agreement or encumbrance has been or will be made nment;	
ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.			
AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.			
executed this		Signature of Inventor(s)	
<u>25</u> day of	<u>O</u> → , 20 <u>C</u> 2	Gennady M. Goloshubin	
day of	, 20	N. L. A. K.	
rev 7/24/00 SF 150574 v1 SF 1335255 v1		Valeri A. Korneev	

PATENT REEL: 13218 FRAME: 0933

ASSIGNMENT

U.C. Case No. <u>IB-1633</u>

For good and va	luable consideration, the receipt of	f which is hereby acknowledged, ASSIGNOR(S),
1. Gennady M. (Goloshubin	2. Valeri A. Korneev
Corporation, has 94607-5200, ar interest for the	ving its statewide administrative nd the successors, assigns and le	EE, The Regents of the University of California, a California offices located 1111 Franklin St., 12 th Floor, Oakland, CA egal representatives of the ASSIGNEE all of its right, title and possessions and in all foreign countries in and to, any and all entitled:
DATA FOR	Y-DEPENDENT PROCESSI IDENTIFYING, IMAGII UND RESERVOIRS	NG AND INTERPRETATION (FDPI) OF SEISMIC NG AND MONITORING FLUID-SATURATED
and which is fou	nd in	
(a)	U.S. provisional application	filed herewith and listing the above-named persons as inventors
(b)	U.S. patent application filed I	herewith and listing the above-named persons as inventors
(c) <u>x</u>	U.S. application serial no. 10	0/137,201, filed on 4/30/02
(d)	U.S. Patent No.:	, issued
Patent to be obt part, extension,	ained for said invention by the a conversion to 35 USC 111(a) or s	ry, including the right to claim priority and, in and to, all Letters bove application or any continuation, division, continuation-insubstitute thereof, and any reissue, reexamination or extension ational Conventions for the Protection of Industrial Property;
	reby covenants that no assignme hich would conflict with this assig	nt, sale, agreement or encumbrance has been or will be made unment;
facts and docume accessible to AS thereto and will instruments or af and said Letters purposes thereof.	ents relating to said invention and SIGNOR and will testify as to the promptly execute and deliver the fidavits required to apply for, obtoo Patent and said equivalents the An attorney of record is authorized.	will, upon its request, be provided promptly with all pertinent said Letters Patent and legal equivalents as may be known and he same in any interference, litigation, or proceeding relating to ASSIGNEE or its legal representative any and all papers, tain, maintain, issue or enforce said application, said invention ereof which may be necessary or desirable to carry out the teed and requested by the execution of this assignment to insert er of said application when officially known.
		r of Patents and Trademarks to issue said Letters Patent of the to the ASSIGNEE, The Regents of the University of California.
executed this		Signature of Inventor(s)
day of	, 20	
7	July , 20 02	Gennady M. Golostabin
′ day of	10 mg , 20 mc	Valeri A. Kozneev
rev 7/24/00 SF 150574 v1 SF 1335255 v1		

PATENT REEL: 13218 FRAME: 0934

rorm PTO-1595 (Rev. 03-01) OMB No. 0651-0027 (exp. 6	5/31/2002)	Recordation Form Cover Sheet PATENTS ONLY		U.S. Department of Commerce U.S. Patent and Trademark Office	
Tab settings ⟩ ⟩ ▼	▼ ADENDE	▼	▼	▼ ▼ ▼	
To the Ho		f Patents and Trademarks.		d original documents or copy thereof	
 Name of conveying 	g party(ies):		2. Name and addres	s of receiving party(ies)	
Gennady M Valeri A. Ko	. Goloshubin rneev			nts of the University of California	
			Internal Address:		
Additional name(s) of co		d? ∐ Yes ⊠No.	Street Address: 1	111 Franklin St., 12th Floor	
Nature of conveya	ince.		0	Otata: OA 71D: 04007 F000	
Assignme	nt 🗆] Merger	City: <u>Oakland</u>	State: <u>CA</u> ZIP: <u>94607-5200</u>	
☐ Security A	greement	Change of Name	Additional names and	d addresses attached? ☐ Yes ☒ No	
Other:					
Execution Date: 7/25	5/02 and 7/7/02				
4. Application number	er(s) or patent numbe	r(s).			
If this document is	s being filed together	with a new application, th	e execution date of the	application is:	
A. Patent Application No(s): 10/137,201		B. Patent No(s):			
		Additional numbers att	ached? Yes No		
	ess of party to whom oment should be maile		6. Total number of a	pplications and patents involved 1	
Name: William Mich	nael Hynes		7. Total fee (37 CFR	3.41):\$ <u>40.00</u>	
TOWNSEND AND TOWNSEND A Two Embarcadero Center, 8 th Floc San Francisco, California 94111-3 (415) 576-0200	cadero Center, 8 th Flo	AND CREW LLP or	☐ Enclosed	1	
	3834	⊠ Authoriz	ed to be charged to deposit account		
			8. Deposit account r	number: 20-1430	
			(Attach duplicate copy	of this page if paying by deposit account)	
		DO NOT US	THIS SPACE		
9. Statement and s To the best of m document. William Mic	y knowledge and beli when here if the second seco			eched copy is a true of copy of the original	
<u>vviillarii iviic</u> Na	me of Person Signing		Signature	Date	

Total number of pages including cover sheet, attachments and document

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

SF #1374316 v1

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Atty. Reg. No. 24,168

RECORDED: 08/20/2002