

05-19-2003

Form PTO-1595

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U.S. DEPARTMENT OF COMMERCE

a) Ananda G. LUGADE b) Kurt D. HOFFACKER c) Adam J. JENKINS d) Karri L. MICHAEL-BALLARD Additional name(s) of conveying party(ies) attached? Ves No 3. Nature of conveyance: V Assignment Security Agreement Other a) 3/18/03 b) 3/18/03 c) 5/5/03 d) 5/6/03 Execution Date: Country: Additional name(s) & address(es) attached? If this document is being filed together with a new application, the execution date of the application No.(s) 10/293,260 B. Patent No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: KATTEN MUCHIN ZAVIS ROSENMAN Internal Address: Internal Address: Internal Address: Internal Address: Luminex Corporation Internal Address: Address: Luminex Corporation Internal Address: Luminex Corporation Internal Address: Address: Luminex Corporation Internal Address: Luminex Luminex Corporation Internal Address: Louders: Luminex Corporation Internal Address: Luminex Corporation Internal Address: Luminex Corporation Internal Address: Louders: Louders: Additional numbers attached? Yes V No City: Austin Additional numbers attached? Yes V No City: Austin Address: Louders: Lo	51-0027 (exp. 6/30/2005)	ATENTS ONLY U.S. Patent and Traden
1. Name of conveying party(ies): a) Ananda G. LUGADE b) Kurt D. HOFFACKER c) Adam J. JENKINS d) Karri L. MICHAEL-BALLARD Additional name(s) of conveying party(ies) attached? Ves No 3. Nature of conveyance: V Assignment		<u> </u>
a) Ananda G. LUGADE b) Kurt D. HOFFACKER c) Adam J. JENKINS d) Karri L. MICHAEL-BALLARD Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: V Assignment		Trademarks: Please record the attached original documents or copy therec
Assignment	anda G. LUGADE t D. HOFFACKER m J. JENKINS ri L. MICHAEL-BALLARD	Internal Address:
Security Agreement	of conveyance:	
City: Austin State Country: Additional name(s) & address(es) atta 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application No.(s) 10/293,260 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: KATTEN MUCHIN ZAVIS ROSENMAN Internal Address: Street Address: 525 WEST MONROE STREET SUITE 1600 City: CHICAGO State: IL Zip: 60661-3693 City: Austin Country: Additional name(s) & address(es) attached? Additional name(s) & address(es) attached? Yes No 6. Total number of applications and application application application and application application and application application and application application and application ap	curity Agreement Change	
Execution Date:		City: Austin State: TX Zip: 7872
If this document is being filed together with a new application, the execution date of the application No.(s) 10/293,260 B. Patent No.(s) B. Patent No.(s) B. Patent No.(s) 6. Total number of applications and address of party to whom correspondence concerning document should be mailed: Name: KATTEN MUCHIN ZAVIS ROSENMAN Internal Address: Pace of the application of the app		Country
A. Patent Application No.(s) 10/293,260 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: KATTEN MUCHIN ZAVIS ROSENMAN Internal Address: Street Address: 525 WEST MONROE STREET SUITE 1600 City: CHICAGO State: IL Zip: 60661-3693 B. Patent No.(s)	tion number(s) or patent number(s):	
concerning document should be mailed: Name: KATTEN MUCHIN ZAVIS ROSENMAN Internal Address: 525 WEST MONROE STREET SUITE 1600 City: CHICAGO State: IL Zip: 60661-3693 Total fee (37 CFR 3.41)		
Internal Address: Street Address: SUITE 1600 City: CHICAGO State: IL Zip: 60661-3693 Enclosed Authorized to be charged to b	ing document should be mailed:	
Street Address: 525 WEST MONROE STREET SUITE 1600 50-1710 City: CHICAGO	Address:	Enclosed Authorized to be charged to deposit according
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	ICAGO State: IL Zip: 60661-36	93
9. Signature.	DO	NOT USE THIS SPACE
	re.	
Serge Sira, PH.D. Registration No. 39,445 Gilberto M. Villacorta, PH.D. Registration No. 34,038		Serve Sign May 14, 2003
Name of Person Signing Signature	Name of Person Signing	Signature Date

nissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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Docket No.: <u>215063-03401</u> Customer No. 27160 PATENT APPLICATION NO. 10/293,260

TERPETSCHNIG

ASSIGNMENT

WHEREAS We, Ananda G. LUGADE of Austin, Texas, Kurt D. HOFFACKER of Austin, Texas, Adam J. JENKINS of Austin, Texas, Karri L. MICHAEL-BALLARD of Austin, Texas, Leonid PATSENKER of Kharkov, Ukraine, Ewald TERPETCHNING of Austin, Texas, Veronica D. THOMASON of Austin, Texas, and Ralph McDADE of Austin, Texas ("Assignors") have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled, FUNCTIONALIZED COMPOSITIONS FOR IMPROVED IMMOBILIZATION for which an application for United States Letters Patent was filed on November 14, 2002, and identified by United States Application Number 10/293,260;

AND WHEREAS Luminex Corporation (Assignee), a corporation established under the laws of Texas and having an address of 12212 Technology Boulevard, Austin, Texas 78727-6113 ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention, including the right to sue for past infringement, and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, we hereby agree with the said Assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

AND we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

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Duc #: WAS01 (215063-03401) 41480557v1;03/11/2003/Thue:17:20

PATENT REEL: 014061 FRAME: 0920

Docket No.: <u>215063-03401</u> Customer No. 27160	PATENT APPLICATION NO. 10/293,260
$\frac{3/18/03}{\text{Date}}$	ANANDA G. LUGADE
STATE OF TEXAS	
COUNTY OF TRAVIS	
On this 18 day of MARCH, 20, Notary Public, personally appeared Ananda G whose name is subscribed to this instrument, an and voluntary act and deed for the uses and purp	d acknowledged that he executed it as his free
WITNESS my hand and official seal.	
JAN LEAVELLE MY COMMISSION EXPIRES May 9, 2006	Notary Public My Commission Expires: 5/9/06
3/18/03	hsolded.
Date	KURT D. HOFFACKER
STATE OF TEXAS) SS.	
COUNTY OF TRAVIS	
On this 18 day of MARCH, 20, Notary Public, personally appeared Kurt D. H. whose name is subscribed to this instrument, and voluntary act and deed for the uses and pur	O3, before me JAN LEAVELLE OFFACKER, to me known to be the individual ad acknowledged that he executed it as his free poses mentioned therein.
WITNESS my hand and official seal.	San Long and Ola
JAN LEAVELLE MY COMMISSION EXPIRES May 9, 2006	Notary Public My Commission Expires: 5106
Page	≥ 2 of 5

Doc #:WAS01 (215063-03401) 41480557v1;03/11/2003/Time:17:20

Docket No.: <u>215063-03401</u> Customer No. 27160	PATENT APPLICATION NO. 10/293,260
$\frac{5/5/63}{\text{Date}}$ STATE OF $\frac{1}{2}$ SS.	ADAM J. JENKINS
COUNTY OF _\ (CONS)	
On this 5 day of 0, 2003, Notary Public, personally appeared Adam J. JENI whose name is subscribed to this instrument, and ac and voluntary act and deed for the uses and purpose	KINS, to me known to be the individual knowledged that he executed it as his free
WITNESS my hand and official seal. ROBERT J. DOW NOTARY PUBLIC STATE OF TEXAS My Comm. Exp. 10-25-06	Notary Public My Commission Expires: 10/25/06
Date	KARRI L. MICHAEL-BALLARD
STATE OF	
On this day of, 2003, Notary Public, personally appeared Karri L. MICI individual whose name is subscribed to this instrumhis free and voluntary act and deed for the uses and	ent, and acknowledged that he executed it as
WITNESS my hand and official seal.	
Page 3 o	Notary Public My Commission Expires:
Page 3 O Doc #:WAS01 (215063-03401) 41480557v1;03/11/2003/Time:17:20	

PATENT REEL: 014061 FRAME: 0922

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Doc #:WAS01 (215063-03401) 41480557v1;03/11/2003/Time:17:20

Docket No.: 215063-03401

Customer No. 27160

PATENT APPLICATION NO.

10/293,260

Docket No.: <u>215063-03401</u> Customer No. 27160	PATENT APPLICATION NO. 10/293,260
Date Per 04/04/03 WITNESS Jayno Fedgungaeda mira ste, 20, apt. 14 Kharkov 61007 Ukraine	
	EWALD TERPETSCHNIG
Date	EWALD TERPETSCHING
STATE OF	
) SS. COUNTY OF)	
On this day of, 2003, Notary Public, personally appeared Ewald TERP individual whose name is subscribed to this instrumhis free and voluntary act and deed for the uses and	ETSCHNIG, to me known to be the nent, and acknowledged that he executed it as
WITNESS my hand and official seal.	
	Notary Public My Commission Expires:
Date	VERONICA D. THOMASON
STATE OF)	
) SS. COUNTY OF)	
Page 4 c	of 5
Dec #:WAS01 (215063-03401) 41480557v1;03/31/2003/Time:12:00	

PATENT REEL: 014061 FRAME: 0924

Date	LEONID PATSENKER
STATE OF)	
COUNTY OF	
On this day of, 2003 , Notary Public, personally appeared Leonid PAT whose name is subscribed to this instrument, and a and voluntary act and deed for the uses and purpose.	SENKER, to me known to be the individual acknowledged that he executed it as his free
WITNESS my hand and official seal.	
	Notary Public My Commission Expires:
3/29/03 Date	1002
STATE OF ALIFORNIA SS.	EWALD TERPETCHNING TERPETSCHNIG C.G.
On this 29 day of, 2003 Notary Public, personally appeared Ewald TERP individual whose name is subscribed to this instrumnis free and voluntary act and deed for the uses and	ETCHNING, to me known to be the nent, and acknowledged that he executed it as
WITNESS my hand and official seal.	
MASAYUKI KUWAHARA NOTARY PUBLIC - CALIFORNIA COMMISSION # 1310094 LOS ANGELES COUNTY My Comm. Exp. July 11, 2005	Notary Public My Commission Expires: Jug//2005
Page 4	of 5

PATENT REEL: 014061 FRAME: 0925

PATENT APPLICATION NO.

10/293,260

Docket No.: <u>215063-03401</u> Customer No. 27160

Docket No.: <u>215063-03401</u>	PATENT APPLICATION NO.
Customer No. 27160	10/293,260
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
3-27-03	7) 1000000
Date	VERONICA D. THOMASON
	V EXCLUSIVE EXCL
STATE OF TEXAS) SS.	
COUNTY OF TRAVIS	
On this 27 day of MARCH , 20	003, before me JAN LEAVELLE
, Notary Public, personally appeared Veronica	D. THOMASON, to me known to be the
his free and voluntary act and deed for the uses	trument, and acknowledged that he executed it as
mo need and votationly declared deed for the uses	and purposes mentioned dietem.
NUTRICES and have decided and	
WITNESS my hand and official seal.	
	Jan Seauelle
JAN LEAVELLE	Notary Public My Commission Expires: 5 9 06
May 9, 2006	My Commission Expires. 91.100
0 00 03	(119)
<u>3-20-03</u> Date	RALPH McDADE
	KALPH MCDADB
STATE OF TEXAS) SS.	
COUNTY OF TRAVIS	
On this <u>AU</u> day of <u>[1] FIKCH</u> , 20, Notary Public, personally appeared Ralph Mc	ADE to me known to be the individual whose
name is subscribed to this instrument, and acknowledge	
voluntary act and deed for the uses and purpose	s mentioned therein.
WITNESS my hand and official seal.	
	On a Search Ole
AND THE PARTY OF T	Notary Public
JAN LEAVELLE MY COMMISSION EXPIRES	My Commission Expires: 5966

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REEL: 014061 FRAME: 0926



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ananda G. LUGADE et al.

Application No.: 10/293,260 : Attorney Docket No.: 215063-03401

Filed: November 14, 2002

For: FUNCTIONALIZED COMPOSITIONS FOR IMPROVED IMMOBILIZATION

APPENDIX A ADDITIONAL NAMES OF CONVEYING PARTIES

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Commissioner:

Applicants respectfully submit herewith additional names of conveying parties.

NAMES OF CONVEYING PARTIES	EXECUTION DATES
e) Leonid PATSENKER	e) 4/4/03
f) Ewald TERPETSCHNIG	f) 3/29/03
g) Veronica D. THOMASON	g) 3/27/03
h) Ralph McDADE	h) 3/20/03

Respectfully submitted,

Serge Sira, PH.D.

Registration No. 39,445

Gilberto M. Villacorta, PH.D.

Registration No. 34,038

PATENT ADMINISTRATOR KATTEN MUCHIN ZAVIS ROSENMAN 525 West Monroe Street, Suite 1600 Chicago, Illinois 60661-3693 Facsimile: 312-902-1061

May 14, 2003

RECORDED: 05/14/2003

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Doc #:WAS01 (215063-03401) 41491529v1;05/14/2003/Time:9:30

PATENT REEL: 014061 FRAME: 0927