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To the dominissioner of Patents and Trademarks: Ple	ease record the attached original documents or copy thereof.
Name of conveying party(ies): Philip Griffin;     Troy Hallock; Brad Posner; Patrick Osborne;     Olivier Libouban; Manish Devgan; Ravi Rohra;     Jitendra Gupta; Somenath Sengupta; Hung T. Ma;     Andy C. Lin	Name and address of receiving party(ies):     Name: BEA Systems, Inc.  Address: 2315 North First Street
Additional name(s) of conveying party(ies) attached? _ Yes X No	San Jose, CA 95131
3. Nature of conveyance:  _	Additional name(s) & address(es) attached? Yes _✓ No
4. Application number(s) or patent number(s):  A. Patent Application No.: 10/427,119  B. Confirmation No.: 7977	C. Patent No(s).:
Title: ENTERPRISE APPLICATION PLATFORM	
Filed Date: May 1, 2003	
Additional numbers attacl	ned?Yes/ No
If this document is being filed together with a new application, the ex-	xecution date of the application is:
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total Number of applications and patents involved: 1 X \$40.00 each
Name: Sheldon R. Meyer	7. Total fee (37 CFR 3.41)\$ 40.00
Address: Fliesler Dubb Meyer & Lovejoy LLP	Check Enclosed
Four Embarcadero Center, Fourth Floor  San Francisco, CA 94111	8. Fee Authorization. Authorization is given to charge any additional fees or credit any overpayment to Deposit Account No. 06-1325.
Telephone: <u>(415) 362-3800</u>	Copy. (A duplicate copy of this authorization is <a href="mailto:not">not</a> enclosed.)
9. Statement and signature.  To the best of my knowledge and belief, the foregoing info copy is a true copy of the original document.	ormation is true and correct and any attached
David E. Cromer Attorney (Reg. No.: 54,768) Sign	10/10/03 ature Date
10. Total number of pages to be recorded: 25 (1-page cove	r sheet and 24 -page document).

18/16/2003 NROCHA1 00000013 18427119

Attorney Docket No.: BEAS-01277US0 SRM/DEC /dcromer/beas/1277us0/1277us0.assign cover.wpd

03 FC:8021

49.88 0P

## JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1)	Philip B. Griffin	
a resident of	6620 Fairways Drive, Longmont, CO 80503	; and
(2)	Troy Hallock	,
a resident of	620 Grandview Meadows Dr., #C308, Longmont, CO 80503	; and
(3)	Brad Posner	•
a resident of	916 Marfell Street, Erie, CO 80516	
(4)	Patrick Osborne	
a resident of	33 S. Boulder Circle, #210, Boulder, CO 80303	; and
(5)	Olivier Libouban	,
a resident of	1383 Lambert Circle, Lafayette, CO 80026	; and
(6)	Manish Devgan	······································
a resident of	1405 Snowberry Lane, Bloomfield, CO 80020	; and
(7)	Ravi Rohra	
a resident of	20 Franklin Avenue, Harrison, NJ 07029	; and
(8)	Jitendra Gupta	
a resident of	3007 Green Hollow Drive, Iselin, NJ 08830	; and
(9)	Somenath Sengupta	,
a resident of	113 Cinder Road, Edison, NJ 08820	; and
(10)	Hung T. Ma	
a resident of	65 Muirfield Lane, Bridgewater, NJ 08807	; and
(11)	Andy C. Lin	
a resident of	68 Shields Lane, Bridgewater, NJ 08807	,
have invented	certain new and useful improvements in:	
	ENTERPRISE APPLICATION PLATFORM	
the invention,	ated a declaration or oath for an application for a United States patent disclosing and id said invention having been filed on the $1st$ day of $May$ , $2003$ , and as ation No. $10/427,119$ .	

Page 1

	WHEREAS_	BEA Systems, Inc.	(hereinafter termed "Assignee"), a corporation of the State
of_	Delaware	, having a place of bu	usiness at 2315 North First Street, San Jose, State of
	California	$\underline{\hspace{0.1cm}}$ , wishes to acquire the $\epsilon$	entire right, title and interest in and to said application and the
inv	ention disclosed th	erein, and in and to all en	mbodiments of the invention, heretofore conceived, made or
disc	covered jointly or se	everally by said Inventors	s (all collectively hereinafter termed "said invention"), and in
and	l to any and all pater	its, certificates of invention	ion and other forms of protection thereon (hereinafter termed
"pa	tents") applied for	or granted in the United	d States and/or other countries.

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

- Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.
- Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing 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 complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby jointly and severally 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 Inventors have executed this instrument on the date as given below and delivered this instrument to said Assignee:

Page 2

9/3/63		(1) Philip BGMbi
Date		Philip B. Griffin
State of		ب
County of		
On	before me,	(name and title of officer)
the person(s) whose name(s) is/are	subscribed to the within instrume (ies), and that by his/her/their sig	e (or proved to me on the basis of satisfactory evidence) to be nt and acknowledged to me that he/she/they executed the same gnature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official se	al.	
Signature		_
******	********	********
		•
9/8/200 Date	3	(2) Troy Hallock
		Troy Transon
State of		
County of		
On	before me,	(name and title of officer)
personally appeared the person(s) whose name(s) is/are	, personally known to m subscribed to the within instrume ((ies), and that by his/her/their sign	the (or proved to me on the basis of satisfactory evidence) to be ent and acknowledged to me that he/she/they executed the same gnature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official se	al.	
Signature		<del>_</del>
*****	********	*******

	9/8/03
Date	Brad Posner
State of	
County of	)
On	before me,, (name and title of officer)
personally appeared the person(s) whose nan in his/her/their authoriz	, personally known to me (or proved to me on the basis of satisfactory evidence) to be ne(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same red capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon son(s) acted, executed the instrument.
WITNESS my hand and	1 official seal.
Signature	
***	*************
	$\wedge$
5 Sept	2003
Date	Patrick Osborne
State of	
County of	)
On	before me,
the person(s) whose name in his/her/their authorize	, personally known to me (or proved to me on the basis of satisfactory evidence) to be me(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same red capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon son(s) acted, executed the instrument.
WITNESS my hand and	i official seal.
Signature	

	(5)
Date	Olivier Libouban
State of	
County of	)
On before me	(name and title of officer)
personally appeared, personally know the person(s) whose name(s) is/are subscribed to the within in	wn to me (or proved to me on the basis of satisfactory evidence) to be instrument and acknowledged to me that he/she/they executed the same (their signature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official seal.	
Signature	
	*******
9 4 2003 Date	(6) Manish Devgan
State of	)
County of	
On before me	(name and title of officer)
the person(s) whose name(s) is/are subscribed to the within in	wn to me (or proved to me on the basis of satisfactory evidence) to be astrument and acknowledged to me that he/she/they executed the same their signature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official seal.	
Signature	<del></del>
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

	(7)
Date	Ravi Rohra
State of	
County of	)
On	before me,
the person(s) whose name(s) is/are s	(name and title of officer)  personally known to me (or proved to me on the basis of satisfactory evidence) to bscribed to the within instrument and acknowledged to me that he/she/they executed the saes), and that by his/her/their signature(s) on the instrument the person(s), or the entity up executed the instrument.
WITNESS my hand and official sea	
Signature	
*****	***********
D.4.	(8)
Date	Jitendra Gupta
State of	·
County of	)
On	before me,
personally appearedthe person(s) whose name(s) is/are s	(name and title of officer) , personally known to me (or proved to me on the basis of satisfactory evidence) to bscribed to the within instrument and acknowledged to me that he/she/they executed the sa es), and that by his/her/their signature(s) on the instrument the person(s), or the entity up
WITNESS my hand and official sea	
Signature	
******	************

	(9)
Date	Somenath Sengupta
State of	)
	)
County of	
On	before me,
personally appeared	_, personally known to me (or proved to me on the basis of satisfactory evidence) to be
the person(s) whose name(s) is/are subscri	bed to the within instrument and acknowledged to me that he/she/they executed the same
	nd that by his/her/their signature(s) on the instrument the person(s), or the entity upon
behalf of which the person(s) acted, execu	ted the fish unent.
WITNESS my hand and official seal.	•
Signature	
*********	******************
	·
	(10)
Date	Hung T. Ma
State of	
County of	
On	before me,
	(name and title of officer)
personally appeared	_, personally known to me (or proved to me on the basis of satisfactory evidence) to be
the person(s) whose name(s) is/are subscri	bed to the within instrument and acknowledged to me that he/she/they executed the same
• • • • • • • • • • • • • • • • • • • •	and that by his/her/their signature(s) on the instrument the person(s), or the entity upon
behalf of which the person(s) acted, execu	ited the instrument.
WITNESS my hand and official seal.	
Signature	
********	************

		(11)
Date		Andy C. Lin
State of		_)
County of		ک
On	before me,	
the person(s) whose name(s) is/are su	ubscribed to the within instrumer ies), and that by his/her/their sig	(name and title of officer) e (or proved to me on the basis of satisfactory evidence) to be nt and acknowledged to me that he/she/they executed the same mature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official seal	l.	
Signature		_

## JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1)	Philip B. Griffin	
a resident of	6620 Fairways Drive, Longmont, CO 80503	_; and
(2) a resident of	Troy Hallock 620 Grandview Meadows Dr., #C308, Longmont, CO 80503	, ; and
(3) a resident of	Brad Posner 916 Marfell Street, Erie, CO 80516	, ; and
(4) a resident of	Patrick Osborne 33 S. Boulder Circle, #210, Boulder, CO 80303	, ; and
(5) a resident of	Olivier Libouban  1383 Lambert Circle, Lafayette, CO 80026	, ; and
(6) a resident of	Manish Devgan 1405 Snowberry Lane, Bloomfield, CO 80020	, ; and
(7) a resident of	Ravi Rohra 20 Franklin Avenue, Harrison, NJ 07029	, ; and
(8) a resident of	Jitendra Gupta 3007 Green Hollow Drive, Iselin, NJ 08830	, ; and
(9) a resident of	Somenath Sengupta 113 Cinder Road, Edison, NJ 08820	, ; and
(10) a resident of	Hung T. Ma 65 Muirfield Lane, Bridgewater, NJ 08807	
(11) a resident of	Andy C. Lin 68 Shields Lane, Bridgewater, NJ 08807	,
have invented	certain new and useful improvements in:	
	ENTERPRISE APPLICATION PLATFORM	
the invention,	ted a declaration or oath for an application for a United States patent disclosing and identical invention having been filed on the <u>1st</u> day of <u>May</u> , <u>2003</u> , and assistion No10/427,119	tifying gned U.S.

Page 1

	WHEREAS_	BEA Systems, Inc.	(hereinafter termed "Assignee"), a corporation of the State
of	Delaware		usiness at 2315 North First Street, San Jose, State of
	California		entire right, title and interest in and to said application and the
invent	tion disclosed th	nerein, and in and to all en	mbodiments of the invention, heretofore conceived, made or
discov	ered jointly or s	everally by said Inventors	s (all collectively hereinafter termed "said invention"), and in
and to	any and all pate	nts, certificates of inventi-	ion and other forms of protection thereon (hereinafter termed
"pater	nts") applied for	r or granted in the United	ed States and/or other countries.

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

- Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.
- Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing 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 complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby jointly and severally 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 Inventors have executed this instrument on the date as given below and delivered this instrument to said Assignee:

	(1)
Date	Philip B. Griffin
State of	)
County of	) )
	hafara ma
On	
the person(s) whose name(s) in his/her/their authorized cap	, personally known to me (or proved to me on the basis of satisfactory evidence) to be s/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same pacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon acted, executed the instrument.
WITNESS my hand and offic	ial seal.
Signature	
Signature	
*****	**************
•	
	·
	(2)
Date	(2) Troy Hallock
Date	110y Hanock
State of	
· · · · · · · · · · · · · · · · · · ·	)
County of	
On	before me,,
	(name and title of officer)
personally appeared	personally known to me (or proved to me on the basis of satisfactory evidence) to be is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same
in his/her/their authorized ca	pacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon
	acted, executed the instrument.
WITNESS my hand and office	cial seal.
•	
Signature	
*****	***************

		(3)
Date		Brad Posner
State of		_)
County of		
On	before me,	(name and title of officer)
the person(s) whose name(s) is/ar	re subscribed to the within instruments (ity(ies), and that by his/her/their sied, executed the instrument.	(name and title of officer)  ne (or proved to me on the basis of satisfactory evidence) to be ent and acknowledged to me that he/she/they executed the same ignature(s) on the instrument the person(s), or the entity upon
WITHEOUTHY Hand and Official	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Signature		<u> </u>
******	*******	******
		•
		(4)
Date		Patrick Osborne
State of		)
County of		)
	hafara ma	
On	before me,	(name and title of officer)
personally appearedthe person(s) whose name(s) is/ar	, personally known to n re subscribed to the within instrum- ity(ies), and that by his/her/their si	me (or proved to me on the basis of satisfactory evidence) to be ent and acknowledged to me that he/she/they executed the same ignature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official	seal.	
Signature		
*****	******	********

		13 - 4pt- 200.
13 Sept 2003 Date	(5) Olivier Libouban	_
	Charlet Elibououn	
State of	_) )	
County of	_)	
On before me,	(name and title of officer)	ب
personally appeared, personally known to me the person(s) whose name(s) is/are subscribed to the within instrumer in his/her/their authorized capacity(ies), and that by his/her/their sig behalf of which the person(s) acted, executed the instrument.	e (or proved to me on the basis of satisfactory evidence) to but and acknowledged to me that he/she/they executed the same	ne
WITNESS my hand and official seal.		
Signature	<del>_</del>	
************	********	
	(6)	
Date	Manish Devgan	
State of	ي	
County of		
Onbefore me,		_,
personally appeared, personally known to me the person(s) whose name(s) is/are subscribed to the within instrumer in his/her/their authorized capacity(ies), and that by his/her/their significant behalf of which the person(s) acted, executed the instrument.	nt and acknowledged to me that he/she/they executed the sam	ne
WITNESS my hand and official seal.		
Signature	<del>-</del>	
**********	*******	

	(7)
Date	Ravi Rohra
State of	
3	)
County of	
On	
the person(s) whose name(s) is/are sub	, personally known to me (or proved to me on the basis of satisfactory evidence) to be cribed to the within instrument and acknowledged to me that he/she/they executed the same and that by his/her/their signature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official seal.	
Signature	
******	**********
	(8)
Date	(8) Jitendra Gupta
	vitorial Supul
State of	
County of	)
On	before me,, (name and title of officer)
he person(s) whose name(s) is/are sub	personally known to me (or proved to me on the basis of satisfactory evidence) to be scribed to the within instrument and acknowledged to me that he/she/they executed the same ), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official seal.	
Signature	
********	************

•		(9)
Date		Somenath Sengupta
State of		_)
Country of		)
County of		
On	before me,	(name and title of officer)
he person(s) whose name(s) is/are subscribe	, personally known to m d to the within instrume l that by his/her/their si	the (or proved to me on the basis of satisfactory evidence) to be ent and acknowledged to me that he/she/they executed the same gnature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official seal.		
Signature		
********	*****	*****
Doto.	_	(10)
Date		Hung T. Ma
State of		
County of		)
<u> </u>	1 6	<del></del>
On	before me,	(name and title of officer)
personally appeared, he person(s) whose name(s) is/are subscribe	personally known to m	to be contact the contact of the con
n his/her/their authorized capacity(ies), and behalf of which the person(s) acted, executed	l that by his/her/their si	gnature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official seal.		
Signature		
		<del>-</del>
*********	********	*********

	(1	1)
Date		Andy C. Lin
State of		
County of		
On	before me,	s
	()	name and title of officer)
the person(s) whose name(s) in his/her/their authorized of	) is/are subscribed to the within instrument a	r proved to me on the basis of satisfactory evidence) to be nd acknowledged to me that he/she/they executed the same ure(s) on the instrument the person(s), or the entity upon
WITNESS my hand and off	ficial seal.	
Signature		

## JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1)	Philip B. Griffin	
a resident of	6620 Fairways Drive, Longmont, CO 80503	; and
(2)	These Hallands	
(2) a resident of	Troy Hallock 620 Grandview Meadows Dr., #C308, Longmont, CO 80503	, and
a resident of	020 Grandview ivicadows Dr., #C308, Longmont, CO 80303	, and
(3)	Brad Posner	
a resident of	916 Marfell Street, Erie, CO 80516	; and
(4)	Detri als Oak arms	
(4) a resident of	Patrick Osborne 33 S. Boulder Circle, #210, Boulder, CO 80303	
a resident of	55 S. Bourder Office, #210; Bourder, CO 00303	, and
(5)	Olivier Libouban	
a resident of	1383 Lambert Circle, Lafayette, CO 80026	; and
(6)		
(6) a resident of	Manish Devgan 1405 Snowberry Lane, Bloomfield, CO 80020	
a resident of	1403 Showberry Lane, Bloommerd, CO 80020	; and
(7)	Ravi Rohra	•
a resident of	20 Franklin Avenue, Harrison, NJ 07029	; and
(0)		
(8) a resident of	Jitendra Gupta	
a resident of	3007 Green Hollow Drive, Iselin, NJ 08830	; and
(9)	Somenath Sengupta	
a resident of	113 Cinder Road, Edison, NJ 08820	; and
(10)		
(10) a resident of	Hung T. Ma 65 Muirfield Lane, Bridgewater, NJ 08807	
a resident of	05 With Held Lane, Bridgewater, NJ 08807	, and
(11)	Andy C. Lin	•
a resident of	68 Shields Lane, Bridgewater, NJ 08807	
have invented	certain new and useful improvements in:	
	ENTERPRISE APPLICATION PLATFORM	
and have execu	ited a declaration or oath for an application for a United States patent disclosing and ic	lentifyina
the invention, s	said invention having been filed on the <u>1st</u> day of <u>May</u> , <u>2003</u> , and a	ssigned U.S.
Patent Applica	ttion No. 10/427,119 .	<i>G</i> = 2.0.

Page 1

Attorney Docket No.: BEAS-01277US0 SRM/DEC dcromer/beas/1277us0/1277us0.assignment.wpd

PATENT REEL: 014611 FRAME: 0173

WHEREAS_	BEA Systems, Inc.	(hereinafter termed "Assignee"), a corporation of the State
Delaware		ousiness at 2315 North First Street, San Jose, State of
		e entire right, title and interest in and to said application and the
ntion disclosed th	erein, and in and to all er	embodiments of the invention, heretofore conceived, made or
vered jointly or se	everally by said Inventors	ors (all collectively hereinafter termed "said invention"), and in
o any and all pater	nts, certificates of inventi	ntion and other forms of protection thereon (hereinafter termed
nts") applied for	or granted in the Unite	ted States and/or other countries.
	Delaware California ntion disclosed the overed jointly or see on any and all pater	Delaware , having a place of l California , wishes to acquire the ntion disclosed therein, and in and to all overed jointly or severally by said Inventor

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

- Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.
- Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing 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 complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby jointly and severally 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 Inventors have executed this instrument on the date as given below and delivered this instrument to said Assignee:

		(1)
Date		Philip B. Griffin
State of		
County of		)
-	1.0	
On	before me,	, (name and title of officer)
he person(s) whose name(s) is/are subso	, personally known to a cribed to the within instrum , and that by his/her/their s	me (or proved to me on the basis of satisfactory evidence) to be nent and acknowledged to me that he/she/they executed the same signature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official seal.		
Signature	•	
Jighature		<del>_</del>
*******	******	***********
		•
		(2)
Date	<del></del>	Troy Hallock
State of		)
		)
County of		)
On	before me,	(name and title of officer)
nersonally anneared	nersonally known to	me (or proved to me on the basis of satisfactory evidence) to be
the person(s) whose name(s) is/are subs	scribed to the within instrum	ment and acknowledged to me that he/she/they executed the same
		signature(s) on the instrument the person(s), or the entity upon
behalf of which the person(s) acted, exe		
WITNESS my hand and official seal.		
Signature		
********	******	*********

	(3)	
Date	Brad Posner	
State of		
County of	)	
On	before me,	
personally appeared the person(s) whose name(s) is/are	, personally known to me (or proved to me on the basis of satisfactory evidence abscribed to the within instrument and acknowledged to me that he/she/they executed the es), and that by his/her/their signature(s) on the instrument the person(s), or the entity	e same
WITNESS my hand and official se	,	
Signature		
	*************	
	(4)	
Date	(4) Patrick Osborne	
State of	)	
County of	)	
<del></del>	before me,	,
personally appeared the person(s) whose name(s) is/are	(name and title of officer) , personally known to me (or proved to me on the basis of satisfactory evidence abscribed to the within instrument and acknowledged to me that he/she/they executed the ties), and that by his/her/their signature(s) on the instrument the person(s), or the entity	e) to be
WITNESS my hand and official se	I.	
Signature		
*****	****************	

	(5)
Date	Olivier Libouban
State of	
County of	) )
On	before me,,  (name and title of officer)
he person(s) whose name(s) is/are subscribe	personally known to me (or proved to me on the basis of satisfactory evidence) to be d to the within instrument and acknowledged to me that he/she/they executed the same that by his/her/their signature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official seal.	
Signature	
	**********
Dete	_ (6) Manish Devgan
Date	Wanish Devgan
State of	)
County of	
On	before me,,  (name and title of officer)
personally appeared the person(s) whose name(s) is/are subscribe	, personally known to me (or proved to me on the basis of satisfactory evidence) to be od to the within instrument and acknowledged to me that he/she/they executed the same it that by his/her/their signature(s) on the instrument the person(s), or the entity upon
WITNESS my hand and official seal.	
Signature	
-	**********

09/02/03	(7) for Khe
Date	Ravi Rohra
State of	
County of	
On before me,	(name and title of officer)
personally appeared, personally known to the person(s) whose name(s) is/are subscribed to the within instrum in his/her/their authorized capacity(ies), and that by his/her/their sbehalf of which the person(s) acted, executed the instrument.	me (or proved to me on the basis of satisfactory evidence) to be nent and acknowledged to me that he/she/they executed the same
WITNESS my hand and official seal.	
Signature	
*************	********
	v. \0
Date   02   20 03	(8)
State of	
County of	
On before me,	(name and title of officer)
personally appeared, personally known to the person(s) whose name(s) is/are subscribed to the within instrum in his/her/their authorized capacity(ies), and that by his/her/their behalf of which the person(s) acted, executed the instrument.	me (or proved to me on the basis of satisfactory evidence) to be nent and acknowledged to me that he/she/they executed the same
WITNESS my hand and official seal.	
Signature	
**************	*************

20/02/02		S A	80 1 161-
Data 09/02/03		(9) / Lombrail	Senyupta
Date '		Somenath Sengupta	U
State of		)	
County of		)	
On	before me,		
		(name and title of officer)	
		me (or proved to me on the basis of sa	
	y(ies), and that by his/her/their	ment and acknowledged to me that he/sh signature(s) on the instrument the per-	
WITNESS my hand and official so	eal.		
Signature			
		<del></del>	
******	******	***********	****
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, ,		-+3/	
9/2/2003		(10)	w
Date		Hung T. Ma	
State of		)	
		)	
County of			
On	before me,	(name and title of officer)	
		(name and title of officer)	
the person(s) whose name(s) is/are	subscribed to the within instru-	o me (or proved to me on the basis of sa ment and acknowledged to me that he/sl	usiactory evidence) to be ne/they executed the same
•		signature(s) on the instrument the per-	_
behalf of which the person(s) acte	d, executed the instrument.		
WITNESS my hand and official so	eal.		
Signature			
******	*************	*************	****

9/2/03	$(11) \qquad \mathcal{N} $	
Date	Andy C. Lin	
State of		
County of		
On	before me,	,
	(name and title of officer)	
personally appeared	, personally known to me (or proved to me on the basis of satisfactory evidence) to	be
the person(s) whose name(s) is/are so	cribed to the within instrument and acknowledged to me that he/she/they executed the sar	ne
in his/her/their authorized capacity(i	, and that by his/her/their signature(s) on the instrument the person(s), or the entity up	on
behalf of which the person(s) acted,	cuted the instrument.	
WITNESS my hand and official seal		
Signature		

**RECORDED: 10/14/2003**