05-15-2003



U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner for Patents: 1024	148911
Please record the attached original document or copy thereof.	
Name of conveying party(ies): 1) Kevin Schofield 2) Joyce Alison Grauman 3) Daniel Plastina 4) Renee Marceau 5) William T. Flora 6) Virginia E. Howlett 7) David A. Bolnick Additional name(s) of conveying party(ies) attached? YES NO Nature of conveyance: Assignment	2. Name and address of receiving party(ies): Name: Microsoft Corporation Internal Address: Street Address: One Microsoft Way City: Redmond State: WA Zip Code: 98052 Additional name(s) & address(es) attached? □YES ☒NO
Application number(s) or patent number(s): If this document is being filed together with a new application, the execution A. Patent Application No.(s): (include series code or filing date) 09/655,408 Additional application or patent numbers attached? YES NO	B. Patent No.(s):
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved:
Name: Banner & Witcoff, Ltd. Address: 1001 G Street, N.W., 11th Floor City: Washington	7. Total Fee (37 CFR 3.41)
State: D.C. Zip: 20001-4597	please debit or credit our Deposit Account No. <u>19-0733</u> , as necessary.
DO NOT USE THIS SPACE	
9 Statement and signature.	
To the best of my knowledge and belief, the foregoing infor is a true copy of the original document. Christopher R. Glembocki, Reg. No. 38,800 Name of Person Signing Signature	May 12, 2003 Date
Atty. Docket No.: <u>003797.00017</u>	Total number of pages including cover sheet, attachments and document: 57

)5/14/2003 GTUH11 00000170 190733 09655408 >1 FC:8021 40.00 CH

ASSIGNMENT

WHEREAS, we, Kevin Schofield, Daniel Plastina, Joyce Alison Grauman, Mark A. Malamud, David A. Barnes, Chris E. Tobey, Roxanne M. Lehmann, Renee Marceau William T. Flora, Eric L. Van Doren, Virginia E. Howlett, Isaac J. Heizer and David A. Bolnick (hereinafter referred to as ASSIGNORS), having post office addresses of 14014 SE 44th Street, Bellevue, WA 98006, 4409 229th PL SE, Issaquah, WA 98029, 1300 E Boston Street, Seattle, WA 98102, 1508 9th Ave W Highcastle, Seattle, WA 98119, 1300 E Boston, Seattle, WA 98102, 20 W Etruria Upper Unit, Seattle, WA 98119, 2442 NW Market St., Apt. 754, Seattle, WA 98107, 10421 SW Bank Road #5, Vashon, WA 98070, 1522 E Mercer Street, Seattle, WA 98112, 5005 Phinney Avenue N Apt. 101, Seattle, WA 98103, 2516 13th Avenue W, Seattle, WA 98119, 16904 NE 176th Street, Woodinville, WA 98072 and 3052 NE 89th Street, Seattle, WA 98115, respectively, are the joint inventors of an invention entitled CIP/AGGREGATION OF SYSTEM SETTINGS INTO OBJECTS as described and claimed in the specification forming part of an application for United States letters patent as filed on September 5, 2000 and assigned Serial No. 09/655,408;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date 1/12/2001	Inventor Za Zalian
<i>(</i>	Kevin Schofield
STATE OF WA)	
STATE OF Wa) COUNTY OF King)	
On this 12^{+1} day of 24 the County and State aforesaid, per	2000, before me a Notary Public in and for sonally appeared Kevin Schofield, to me known and name, who signed and sealed the foregoing same to be his free act and deed.
(SEAL)	Lisa a Brick Notary Public
ONOTARL TO	My Commission Expires: $5 - 18 - 04$

Date 1/04/200(Inventor Daniel Plastina
STATE OF Wa)	
STATE OF Wa) SSS COUNTY OF King)	2001
the County and State aforesaid, pe	rsonally appeared Daniel Plastina, to me known and e name, who signed and sealed the foregoing same to be his free act and deed.
(SEAL)	Lisa a. Brick
S A BRICA INCTARY TO NOTARY	Notary Public My Commission Expires: 5 - 18 - 04

Date		mventor
		Joyce Alison Grauman
STATE OF)	
COUNTY OF)ss)	
the County and St	ate aforesaid, pers	2000, before me a Notary Public in and for sonally appeared Joyce Alison Grauman, to me
	_	erson of the name, who signed and sealed the edged the same to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		Inventor
		Mark A. Malamud
STATE OF)	
COUNTY OF)ss)	
the County and Sta and known to me t	ate aforesaid, perso o be the person of	, 2000, before me a Notary Public in and for onally appeared Mark A. Malamud, to me known the name, who signed and sealed the foregoing ame to be his free act and deed.
(32.1.2)		Notary Public
		My Commission Expires:

Date		Inventor
		David A. Barnes
STATE OF)	
COUNTY OF)ss)	
the County and Sta known to me to be	ate aforesaid, perso the person of the n	, 2000, before me a Notary Public in and for onally appeared David A. Barnes, to me known and name, who signed and sealed the foregoing me to be his free act and deed.
(SEAL)		Notary Public
		My Commission Expires:

Date		mivelioi
,		Chris E. Tobey
STATE OF)	
)s s	
COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
the County and St	ate aforesaid, pers	onally appeared Chris E. Tobey, to me known and
	-	name, who signed and sealed the foregoing ame to be his free act and deed.
instrument, and ac	knowieugeu ine sa	ime to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date	Inventor
	Roxanne M. Lehmann
STATE OF	
COUNTY OF	SS
the County and State af and known to me to be	day of, 2000, before me a Notary Public in and for foresaid, personally appeared Roxanne M. Lehmann, to me known the person of the name, who signed and sealed the foregoing eledged the same to be his free act and deed.
(SEAL)	
	Notary Public
	My Commission Expires:

Renee Marceau	Date 1/9/07	Inventor_	Remee Mare	1 1/20-1 00
---------------	-------------	-----------	------------	-------------

STATE OF WA)

COUNTY OF King)

On this $\frac{9+h}{4}$ day of $\frac{200}{4}$, before me a Notary Public in and for the County and State aforesaid, personally appeared Renee Marceau, to me known and known to me to be the person of the name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free act and deed.

(SEAL)

Lisa a. Brick Notary Public

My Commission Expires: 5-18-04

Date	Inventor_ Wha M
	William/T./Flora

STATE OF Wa)

COUNTY OF King)

On this 12th day of Janitary, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared William T. Flora, to me known and known to me to be the person of the name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free act and deed.

(SEAL)

Lisa a. Brick Notary Public

My Commission Expires: 5-18-64

Date		Inventor
		Eric L. Van Doren
STATE OF)	
COUNTY OF)ss)	
the County and Sta and known to me t	ate aforesaid, perso o be the person of t	, 2000, before me a Notary Public in and for onally appeared Eric L. Van Doren, to me known the name, who signed and sealed the foregoing me to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires

Date		HIVERIOI
		Virginia E. Howlett
STATE OF)	
)ss	
COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
the County and Stand known to me t	ate aforesaid, perso to be the person of t	nally appeared Virginia E. Howlett, to me known he name, who signed and sealed the foregoing me to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		inventor
		Isaac J. Heizer
STATE OF)	
)ss	
COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
the County and Sta known to me to be	ate aforesaid, perse the person of the r	onally appeared Isaac J. Heizer, to me known and name, who signed and sealed the foregoing ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		Inventor
		David A. Bolnick
STATE OF))ss	
COUNTY OF)	
the County and Sta known to me to be	ate aforesaid, perso the person of the n	, 2000, before me a Notary Public in and for onally appeared David A. Bolnick, to me known and name, who signed and sealed the foregoing me to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires

ASSIGNMENT

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Date		nventor
		Kevin Schofield
STATE OF)	
)ss	
COUNTY OF)	
the County and Sta known to me to be	ate aforesaid, pers the person of the	, 2000, before me a Notary Public in and for sonally appeared Kevin Schofield, to me known and name, who signed and sealed the foregoing ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		
		Daniel Plastina
STATE OF)	
COUNTY OF)ss)	
the County and Sta known to me to be	ate aforesaid, perso the person of the n	, 2000, before me a Notary Public in and for onally appeared Daniel Plastina, to me known and name, who signed and sealed the foregoing time to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Emiros

Date	1-22-01	Inventor J. Alism Coracus
		Joyce Alison Grauman
STATE	OF)	
COUN:	· ·	
the Coi known	ınty and State aforesaid, pei and known to me to be the p	ر کور (2 000, before me a Notary Public in and for resonally appeared Joyce Alison Grauman, to me person of the name, who signed and sealed the ledged the same to be his free act and deed.
(SEAL)		Notary Public
	PUBLIC PUBLIC	My Commission Expires: 10-20-04

Date		mventor
		Mark A. Malamud
STATE OF)	
)ss	
COUNTY OF)	
the County and Sto and known to me t	ate aforesaid, pers to be the person of	, 2000, before me a Notary Public in and for sonally appeared Mark A. Malamud, to me known f the name, who signed and sealed the foregoing came to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		mventor
		David A. Barnes
STATE OF)	
)ss	
COUNTY OF)	
On this	day of	2000, before me a Notary Public in and for
the County and St	ate aforesaid, pers	onally appeared David A. Barnes, to me known and
	2	name, who signed and sealed the foregoing
instrument, and a	cknowledged the so	ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		inventor
		Chris E. Tobey
STATE OF)	
COMPTENT)ss	
COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
		onally appeared Chris E. Tobey, to me known and
known to me to be	the person of the n	ame, who signed and sealed the foregoing
instrument, and ac	knowledged the sai	me to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Fynires:

and for known ng

Date		Inventor
		Renee Marceau
STATE OF)	
COUNTY OF)ss)	
the County and State known to me to be t	te aforesaid, perso the person of the r	, 2000, before me a Notary Public in and for sonally appeared Renee Marceau, to me known and name, who signed and sealed the foregoing ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date	
	William T. Flora
STATE OF)	
)ss	
COUNTY OF)	
the County and State aforesaid, persknown to me to be the person of the	, 2000, before me a Notary Public in and for sonally appeared William T. Flora, to me known and name, who signed and sealed the foregoing
instrument, and acknowledged the s	ame to be his free act and deed.
(SEAL)	
	Notary Public
	My Commission Expires:

Date		inventor
		Eric L. Van Doren
STATE OF)	
)ss	
COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
the County and Stand known to me i	ate aforesaid, perso to be the person of	onally appeared Eric L. Van Doren, to me known the name, who signed and sealed the foregoing ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Fynires:

Date		inventor
		Virginia E. Howlett
STATE OF))ss	
COUNTY OF)33)	
the County and Sta and known to me to	ate aforesaid, pers o be the person of	, 2000, before me a Notary Public in and for conally appeared Virginia E. Howlett, to me known the name, who signed and sealed the foregoing ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Fraires:

Date		inventor
		Isaac J. Heizer
STATE OF)	
)ss	
COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
	_	onally appeared Isaac J. Heizer, to me known and
known to me to be	the person of the n	name, who signed and sealed the foregoing
instrument, and ac	knowledged the sa	me to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Fraires

Date		inventor
		David A. Bolnick
STATE OF)	
COUNTY OF)ss)	
the County and Sta known to me to be	ate aforesaid, perso the person of the r	, 2000, before me a Notary Public in and for onally appeared David A. Bolnick, to me known and name, who signed and sealed the foregoing ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires

ASSIGNMENT

WHEREAS, we, Kevin Schofield, Daniel Plastina, Joyce Alison Grauman, Mark A. Malamud, David A. Barnes, Chris E. Tobey, Roxanne M. Lehmann, Renee Marceau William T. Flora, Eric L. Van Doren, Virginia E. Howlett, Isaac J. Heizer and David A. Bolnick (hereinafter referred to as ASSIGNORS), having post office addresses of 14014 SE 44th Street, Bellevue, WA 98006, 4409 229th PL SE, Issaquah, WA 98029, 1300 E Boston Street, Seattle, WA 98102, 1508 9th Ave W Highcastle, Seattle, WA 98119, 1300 E Boston, Seattle, WA 98102, 20 W Etruria Upper Unit, Seattle, WA 98119, 2442 NW Market St., Apt. 754, Seattle, WA 98107, 10421 SW Bank Road #5, Vashon, WA 98070, 1522 E Mercer Street, Seattle, WA 98112, 5005 Phinney Avenue N Apt. 101, Seattle, WA 98103, 2516 13th Avenue W, Seattle, WA 98119, 16904 NE 176th Street, Woodinville, WA 98072 and 3052 NE 89th Street, Seattle, WA 98115, respectively, are the joint inventors of an invention entitled CIP/AGGREGATION OF SYSTEM SETTINGS INTO OBJECTS as described and claimed in the specification forming part of an application for United States letters patent as filed on September 5, 2000 and assigned Serial No. 09/655,408;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date		Hivelioi
		Kevin Schofield
STATE OF)	
)ss	
COUNTY OF)	
the County and Sta known to me to be	ate aforesaid, per the person of the	, 2000, before me a Notary Public in and for sonally appeared Kevin Schofield, to me known and name, who signed and sealed the foregoing came to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Empires

Date		miventor
		Daniel Plastina
STATE OF)	
)ss	
COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
		onally appeared Daniel Plastina, to me known and
		name, who signed and sealed the foregoing
	_	me to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires

Date		_ inventor
		Joyce Alison Grauman
STATE OF)	
)ss	
COUNTY OF)	
		, 2000, before me a Notary Public in and for
the County and Sta	te aforesaid, pers	onally appeared Joyce Alison Grauman, to me
	•	rson of the name, who signed and sealed the
foregoing instrume	nt, and acknowled	dged the same to be his free act and deed.
(SEAL)		
(152112)		
		Notary Public
		Mr. Commission Funivas
		Notary Public

Date	Inventor
	Mark A. Malamud
STATE OF	
)ss	
COUNTY OF)	
On this day o	f, 2000, before me a Notary Public in and for
the County and State aforesa	nid, personally appeared Mark A. Malamud, to me known
-	erson of the name, who signed and sealed the foregoing
instrument, and acknowledge	ed the same to be his free act and deed.
(SEAL)	
	Notary Public
	My Commission Expires:

Date		nventor
		David A. Barnes
STATE OF)	
)ss	
COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
the County and Sta	te aforesaid, perso	onally appeared David A. Barnes, to me known and
		name, who signed and sealed the foregoing
		me to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		Hivelioi
		Chris E. Tobey
STATE OF)	
)ss	
COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
the County and Sta	ate aforesaid, perso	onally appeared Chris E. Tobey, to me known and
		name, who signed and sealed the foregoing
instrument, and ac	knowledged the sa	ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		IIIVEIROI
		Roxanne M. Lehmann
STATE OF)	
COUNTY OF)ss)	
the County and St and known to me t	ate aforesaid, pers to be the person of	, 2000, before me a Notary Public in and for sonally appeared Roxanne M. Lehmann, to me known f the name, who signed and sealed the foregoing ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		Inventor
		Renee Marceau
STATE OF))ss	
COUNTY OF)	
the County and Sto known to me to be	ate aforesaid, pers the person of the	, 2000, before me a Notary Public in and for sonally appeared Renee Marceau, to me known and name, who signed and sealed the foregoing came to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Fynires:

Date		
		William T. Flora
STATE OF)	
)ss	
COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
		onally appeared William T. Flora, to me known and
known to me to be	the person of the n	name, who signed and sealed the foregoing
instrument, and ac	cknowledged the sa	ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date	Inventor
	Eric L. Van Doren
STATE OF	
COUNTY OF)ss	
the County and State aforese and known to me to be the p	of, 2000, before me a Notary Public in and for aid, personally appeared Eric L. Van Doren, to me known verson of the name, who signed and sealed the foregoing ted the same to be his free act and deed.
(SEAL)	
	Notary Public
	My Commission Expires:

Date	1/12/2001	Inventor Hoult
	7	Virginia E. Howlett

STATE OF WA)

COUNTY OF King)

On this 12th day of 1000 leaves, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Virginia E. Howlett, to me known and known to me to be the person of the name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free act and deed.

(SEAL)



UCUUTUUM Notary Public

My Commission Expires: 10. 24. 04

Date		miventor
		Isaac J. Heizer
STATE OF)	
COUNTY OF)ss)	
On this	day of	, 2000, before me a Notary Public in and for
the County and Sta known to me to be	ate aforesaid, perso the person of the n	onally appeared Isaac J. Heizer, to me known and came, who signed and sealed the foregoing me to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		Inventor
		David A. Bolnick
STATE OF)	
COUNTY OF)ss)	
On this	day of	, 2000, before me a Notary Public in and for
the County and Sta known to me to be	ate aforesaid, perso the person of the n	onally appeared David A. Bolnick, to me known and name, who signed and sealed the foregoing ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires

ASSIGNMENT

WHEREAS, we, Kevin Schofield, Daniel Plastina, Joyce Alison Grauman, Mark A. Malamud, David A. Barnes, Chris E. Tobey, Roxanne M. Lehmann, Renee Marceau William T. Flora, Eric L. Van Doren, Virginia E. Howlett, Isaac J. Heizer and David A. Bolnick (hereinafter referred to as ASSIGNORS), having post office addresses of 14014 SE 44th Street, Bellevue, WA 98006, 4409 229th PL SE, Issaquah, WA 98029, 1300 E Boston Street, Seattle, WA 98102, 1508 9th Ave W Highcastle, Seattle, WA 98119, 1300 E Boston, Seattle, WA 98102, 20 W Etruria Upper Unit, Seattle, WA 98119, 2442 NW Market St., Apt. 754, Seattle, WA 98107, 10421 SW Bank Road #5, Vashon, WA 98070, 1522 E Mercer Street, Seattle, WA 98112, 5005 Phinney Avenue N Apt. 101, Seattle, WA 98103, 2516 13th Avenue W, Seattle, WA 98119, 16904 NE 176th Street, Woodinville, WA 98072 and 3052 NE 89th Street, Seattle, WA 98115, respectively, are the joint inventors of an invention entitled CIP/AGGREGATION OF SYSTEM SETTINGS INTO OBJECTS as described and claimed in the specification forming part of an application for United States letters patent as filed on September 5, 2000 and assigned Serial No. 09/655,408;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

> PATENT REEL: 014058 FRAME: 0773

Date		Inventor
		Kevin Schofield
STATE OF)	
)ss	
COUNTY OF)	
On this	dav of	, 2000, before me a Notary Public in and for
		onally appeared Kevin Schofield, to me known and
known to me to be	the person of the	name, who signed and sealed the foregoing
instrument, and ac	knowledged the so	ame to be his free act and deed.
(CT) 41)		
(SEAL)		
		Notary Public
		My Commission Fraires:

Date		_ niverioi
		Daniel Plastina
STATE OF)	
COUNTY OF)ss)	
the County and Sta known to me to be	ate aforesaid, pers the person of the	, 2000, before me a Notary Public in and for sonally appeared Daniel Plastina, to me known and name, who signed and sealed the foregoing ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		mventor
		Joyce Alison Grauman
STATE OF)	
COUNTY OF)ss)	
COUNTION	,	
		, 2000, before me a Notary Public in and for
		sonally appeared Joyce Alison Grauman, to me
	-	erson of the name, who signed and sealed the
foregoing instrum	ent, and acknowle	edged the same to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		THACHEOI
•		Mark A. Malamud
STATE OF)	
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COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
the County and St and known to me t	ate aforesaid, pers to be the person of	sonally appeared Mark A. Malamud, to me known f the name, who signed and sealed the foregoing ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		Hivehtoi
		David A. Barnes
STATE OF)	
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COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
the County and Sta	ate aforesaid, pers	onally appeared David A. Barnes, to me known and
known to me to be	the person of the r	name, who signed and sealed the foregoing
instrument, and ac	cknowledged the sa	ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		inventor
		Chris E. Tobey
STATE OF)	
COUNTY OF)ss	
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		, 2000, before me a Notary Public in and for
		onally appeared Chris E. Tobey, to me known and
		name, who signed and sealed the foregoing ame to be his free act and deed.
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(SEAL)		
		Notary Public
		My Commission Expires:

Date		
		Roxanne M. Lehmann
STATE OF)	
COUNTY OF)ss)	
the County and St and known to me	ate aforesaid, per to be the person o	, 2000, before me a Notary Public in and for rsonally appeared Roxanne M. Lehmann, to me known of the name, who signed and sealed the foregoing same to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		Inventor
		Renee Marceau
STATE OF)	
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COUNTY OF)	
On this	dav of	, 2000, before me a Notary Public in and for
	· •	onally appeared Renee Marceau, to me known and
		name, who signed and sealed the foregoing
instrument, and ac	cknowledged the sa	ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		Inventor
		William T. Flora
STATE OF)	
COUNTY OF)ss)	
the County and Sta known to me to be	nte aforesaid, per the person of the	, 2000, before me a Notary Public in and for sonally appeared William T. Flora, to me known and name, who signed and sealed the foregoing came to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		_ inventor
		Eric L. Van Doren
STATE OF)	
)ss	
COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
the County and Sta and known to me t	ate aforesaid, perso o be the person of	onally appeared Eric L. Van Doren, to me known the name, who signed and sealed the foregoing
instrument, and ac	knowieagea ine sa	ame to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Datc		Hivelioi
		Virginia E. Howlett
STATE OF)	
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COUNTY OF)	
On this	day of	, 2000, before me a Notary Public in and for
the County and Stand known to me i	ate aforesaid, perso to be the person of t	mally appeared Virginia E. Howlett, to me known he name, who signed and sealed the foregoing me to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires:

Date		Inventor
		Isaac J. Heizer
STATE OF)	
COUNTY OF)s s)	
		, 2000, before me a Notary Public in and for
		onally appeared Isaac J. Heizer, to me known and
		name, who signed and sealed the foregoing me to be his free act and deed.
(SEAL)		
		Notary Public
		My Commission Expires

Date	Inventor David A. Bolnick
STATE OF $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	
)ss COUNTY OF Ling)	
the County and State aforesaid, person known to me to be the person of the nar instrument, and acknowledged the same MOERA COTARY	2000, before me a Notary Public in and for ally appeared David A. Bolnick, to me known and me, who signed and sealed the foregoing to be his free act and deed. Notary Public Ty Commission Expires: 0-17 04

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RECORDED: 05/12/2003