

05-15-2003

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FORM PTO-1595

RECORD



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner for Patents:

102448911

Please record the attached original document or copy thereof.

1 Name of conveying party(ies): **5-12-03**

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

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) of conveying party(ies) attached?  YES  NO

Additional name(s) & address(es) attached?  YES  NO

3 Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: 1), 5) and 6)-1/12/01; 2)-1/22/01; 3) and 4)-1/9/01; and 7)-1/17/01

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 is:

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):

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Banner & Witcoff, Ltd.  
 Address: 1001 G Street, N.W., 11th Floor  
 City: Washington  
 State: D.C. Zip: 20001-4597

6. Total number of applications and patents involved: 1


7. Total Fee (37 CFR 3.41)..... \$ 40.00  
 Enclosed  
 Authorized to charge Deposit Account 19-0733

8.  Should any fee adjustment be necessary to effect proper recordation, please debit or credit our Deposit Account No. 19-0733, as necessary.

DO NOT USE THIS SPACE

9 Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Christopher R. Glembocki, Reg. No. 38,800   
 Name of Person Signing Signature Date May 12, 2003

Atty. Docket No.: 003797.00017 Total number of pages including cover sheet, attachments and document: 57

05/14/2003 6TOM11 00000170 190733 09655408  
 FC:8021 40.00 CH

PATENT  
 REEL: 014058 FRAME: 0730

## 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 44<sup>th</sup> Street, Bellevue, WA 98006, 4409 229<sup>th</sup> PL SE, Issaquah, WA 98029, 1300 E Boston Street, Seattle, WA 98102, 1508 9<sup>th</sup> 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 13<sup>th</sup> Avenue W, Seattle, WA 98119, 16904 NE 176<sup>th</sup> Street, Woodinville, WA 98072 and 3052 NE 89<sup>th</sup> 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 *Kevin Schofield*  
Kevin Schofield

STATE OF Wa )  
                                  )ss  
COUNTY OF King )

On this 12<sup>th</sup> day of January, <sup>2001</sup>~~2000~~, before me a Notary Public in and for the County and State aforesaid, personally 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 acknowledged the same to be his free act and deed.

(SEAL)

*Lisa A. Brick*  
Notary Public

My Commission Expires: 5-18-04



Date 1/09/2001

Inventor *Daniel Plastina*  
Daniel Plastina

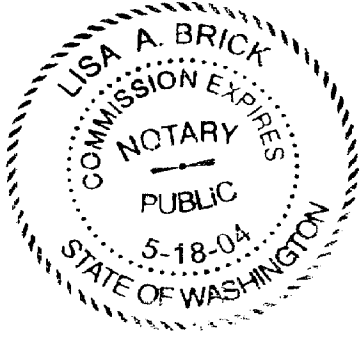
STATE OF wa )  
 )ss  
COUNTY OF King )

On this 9<sup>th</sup> day of January, <sup>2001</sup>~~2000~~, before me a Notary Public in and for the County and State aforesaid, personally appeared Daniel Plastina, 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 \_\_\_\_\_

Joyce Alison Grauman

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Joyce Alison Grauman, 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)

\_\_\_\_\_

Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_

Mark A. Malamud

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Mark A. Malamud, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor David A. Barnes

STATE OF )  
 )ss  
COUNTY OF )

*On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared David A. Barnes, 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)

\_\_\_\_\_  
*Notary Public*

*My Commission Expires:* \_\_\_\_\_

Date \_\_\_\_\_ Inventor Chris E. Tobey

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Chris E. Tobey, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_



Date \_\_\_\_\_

Inventor \_\_\_\_\_

Roxanne M. Lehmann

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Roxanne M. Lehmann, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_



Date to 01-12-01

Inventor

William T. Flora  
William T. Flora

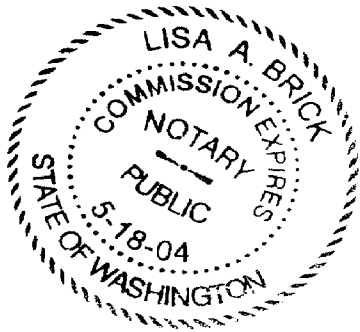
STATE OF Wa )  
                                  )ss  
COUNTY OF King )

On this 12<sup>th</sup> day of January, ~~2000~~<sup>2001</sup>, 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: 5-18-04



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 State aforesaid, personally appeared Eric L. Van Doren, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor Virginia E. Howlett

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 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)

\_\_\_\_\_  
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 State aforesaid, personally appeared Isaac J. Heizer, 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)

\_\_\_\_\_  
*Notary Public*

*My Commission Expires:* \_\_\_\_\_

Date \_\_\_\_\_

Inventor \_\_\_\_\_

David A. Bolnick

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared David A. Bolnick, 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)

\_\_\_\_\_  
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 44<sup>th</sup> Street, Bellevue, WA 98006, 4409 229<sup>th</sup> PL SE, Issaquah, WA 98029, 1300 E Boston Street, Seattle, WA 98102, 1508 9<sup>th</sup> 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 13<sup>th</sup> Avenue W, Seattle, WA 98119, 16904 NE 176<sup>th</sup> Street, Woodinville, WA 98072 and 3052 NE 89<sup>th</sup> 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;

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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 \_\_\_\_\_ Inventor \_\_\_\_\_

Kevin Schofield

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally 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 acknowledged the same to be his free act and deed.

(SEAL)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor Daniel Plastina

STATE OF )  
 )ss  
COUNTY OF )

*On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Daniel Plastina, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date 1-22-01

Inventor J. Alison Grauman  
Joyce Alison Grauman

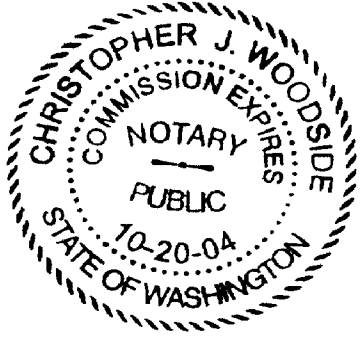
STATE OF )  
                  )ss  
COUNTY OF )

On this 22 day of January, ~~2000~~<sup>2001</sup>, before me a Notary Public in and for the County and State aforesaid, personally appeared Joyce Alison Grauman, 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)

[Signature]  
Notary Public

My Commission Expires: 10-20-04



Date \_\_\_\_\_ Inventor \_\_\_\_\_

Mark A. Malamud

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Mark A. Malamud, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor David A. Barnes

STATE OF \_\_\_\_\_ )  
 )ss  
COUNTY OF \_\_\_\_\_ )

*On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared David A. Barnes, 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)

\_\_\_\_\_  
*Notary Public*

*My Commission Expires:* \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_

Chris E. Tobey

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Chris E. Tobey, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_

Inventor \_\_\_\_\_

Roxanne M. Lehmann

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Roxanne M. Lehmann, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_

Inventor \_\_\_\_\_

Renee Marceau

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_



Date \_\_\_\_\_ Inventor William T. Flora

STATE OF \_\_\_\_\_ )  
 )ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 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)

\_\_\_\_\_  
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 State aforesaid, personally appeared Eric L. Van Doren, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_

Inventor \_\_\_\_\_

Virginia E. Howlett

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 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)

\_\_\_\_\_

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 State aforesaid, personally appeared Isaac J. Heizer, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor David A. Bolnick

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared David A. Bolnick, 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)

\_\_\_\_\_  
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 44<sup>th</sup> Street, Bellevue, WA 98006, 4409 229<sup>th</sup> PL SE, Issaquah, WA 98029, 1300 E Boston Street, Seattle, WA 98102, 1508 9<sup>th</sup> 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 13<sup>th</sup> Avenue W, Seattle, WA 98119, 16904 NE 176<sup>th</sup> Street, Woodinville, WA 98072 and 3052 NE 89<sup>th</sup> 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;

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Date \_\_\_\_\_ Inventor \_\_\_\_\_

Kevin Schofield

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally 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 acknowledged the same to be his free act and deed.

(SEAL)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_

Daniel Plastina

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Daniel Plastina, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_



Date \_\_\_\_\_

Inventor \_\_\_\_\_

Joyce Alison Grauman

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Joyce Alison Grauman, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_

Mark A. Malamud

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Mark A. Malamud, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_

Inventor \_\_\_\_\_

David A. Barnes

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared David A. Barnes, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_

Inventor \_\_\_\_\_

Chris E. Tobey

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Chris E. Tobey, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_

Inventor \_\_\_\_\_

Roxanne M. Lehmann

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Roxanne M. Lehmann, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor Renee Marceau

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_

Inventor \_\_\_\_\_

William T. Flora

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 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)

\_\_\_\_\_  
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 State aforesaid, personally appeared Eric L. Van Doren, 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)

\_\_\_\_\_  
*Notary Public*

*My Commission Expires:* \_\_\_\_\_



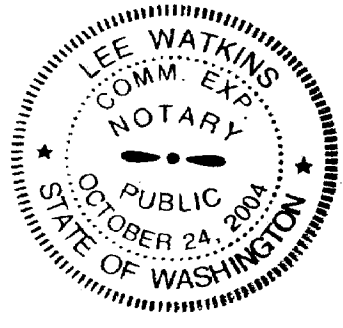
Date 1/12/2001

Inventor *Howlett*  
Virginia E. Howlett

STATE OF WA )  
                  )ss  
COUNTY OF King )

On this 12<sup>th</sup> day of January, ~~2000~~<sup>2001</sup>, 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)



*Lee Watkins*  
Notary Public

My Commission Expires: 10.24.04

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 State aforesaid, personally appeared Isaac J. Heizer, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor David A. Bolnick

STATE OF )  
 )ss  
COUNTY OF )

*On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared David A. Bolnick, 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)

\_\_\_\_\_  
*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 44<sup>th</sup> Street, Bellevue, WA 98006, 4409 229<sup>th</sup> PL SE, Issaquah, WA 98029, 1300 E Boston Street, Seattle, WA 98102, 1508 9<sup>th</sup> 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 13<sup>th</sup> Avenue W, Seattle, WA 98119, 16904 NE 176<sup>th</sup> Street, Woodinville, WA 98072 and 3052 NE 89<sup>th</sup> 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 \_\_\_\_\_ Inventor \_\_\_\_\_

Kevin Schofield

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally 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 acknowledged the same to be his free act and deed.

(SEAL)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_

Daniel Plastina

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Daniel Plastina, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor Joyce Alison Grauman

STATE OF )  
 )ss  
COUNTY OF )

*On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Joyce Alison Grauman, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_

Mark A. Malamud

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Mark A. Malamud, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_



Date \_\_\_\_\_ Inventor \_\_\_\_\_

David A. Barnes

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared David A. Barnes, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_

Inventor \_\_\_\_\_

Chris E. Tobey

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Chris E. Tobey, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_ Inventor Roxanne M. Lehmann

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me a Notary Public in and for the County and State aforesaid, personally appeared Roxanne M. Lehmann, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_

Inventor \_\_\_\_\_

Renee Marceau

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, 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)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date \_\_\_\_\_

Inventor \_\_\_\_\_

William T. Flora

STATE OF )  
 )ss  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 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)

\_\_\_\_\_  
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 State aforesaid, personally appeared Eric L. Van Doren, 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)*

\_\_\_\_\_  
*Notary Public*

*My Commission Expires: \_\_\_\_\_*

Date \_\_\_\_\_ Inventor Virginia E. Howlett

STATE OF \_\_\_\_\_ )  
 )ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 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)

\_\_\_\_\_  
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 State aforesaid, personally appeared Isaac J. Heizer, 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.

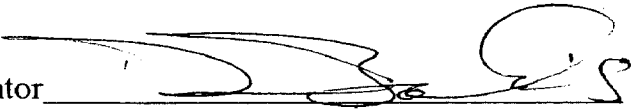
(SEAL)

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

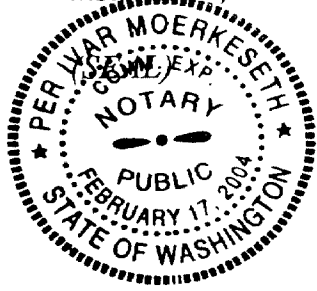



Date 1/17/07

Inventor   
David A. Bolnick

STATE OF WA )  
                  )ss  
COUNTY OF King )

On this 17<sup>th</sup> day of January, 2007, before me a Notary Public in and for the County and State aforesaid, personally appeared David A. Bolnick, 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.



  
Notary Public

My Commission Expires: 02/17/04