

Atty Ref/Docket No.: 777.282US1



101333254

/ thereof.

1. Name of conveying party(ies):

Andrew L. Nicholson, Michael J. Glass, David S. Kosbie and  
Thomas A. Vaughan

2. Name and address of receiving party(ies):

Name: Microsoft Corporation

Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

Street Address: One Microsoft Way

3. Nature of conveyance:

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

City: Redmond State: WA ZIP: 98052

Additional name(s) & address(es) attached? [ ] Yes [X] No

Execution Date: February 16, 2000, February 22, 2000, March 29, 2000

4. Application number(s) or patent number(s)

ARD 3.30.00

If this document is being filed together with a new application, the execution date of the application is: February 16, 2000, February 22, 2000, March 29, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

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

Name: Rodney L. Lacy

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 55412

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our  
Deposit account number: 19-0743

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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.

Rodney L. Lacy/Reg. No 41,136  
Name of Person Signing

*Rodney L. Lacy*  
Signature

March 30, 2000  
Date

Total number of pages including cover sheet: 10

OMB No. 0651-0011 (exp. 4/94)

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01 Form documents to be recorded with required cover sheet information to:

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PATENT  
REEL: 010720 FRAME: 0900



## ASSIGNMENT

WHEREAS, we, Andrew L. Nicholson, Michael J. Glass, David S. Kosbie and Thomas A. Vaughan (hereinafter referred to as ASSIGNORS), having post office addresses of 14331 279<sup>th</sup> Place NE, Duvall, WA 98019, 21902 NE 140<sup>th</sup> Way, Woodinville, WA 98072, 17624 NE 30<sup>th</sup> Place, Redmond, WA 98052 and 5421 - 31<sup>st</sup> Avenue South, Seattle, WA 98108 respectively, are the joint inventors of an invention entitled "AUTOMATED SCHEMA AND INTERFACE GENERATION", as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

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: 010720 FRAME: 0901**

Applicant:

AUTOMATED SCHEMA AND INTERFACE GENERATION

Andrew L. Nicholson et al. Page 2 of 3

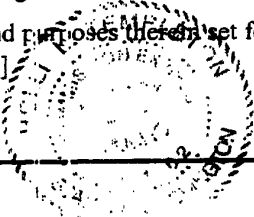
IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of February, 2000.

Andrew L. Nicholson

STATE OF Washington  
 )ss.  
COUNTY OF King )

On this 16<sup>th</sup> day of February, 2000 before me personally appeared Andrew L. Nicholson to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of FEBRUARY, 2000.

Michael J. Glass

STATE OF Washington  
 )ss.  
COUNTY OF King )

On this 16<sup>th</sup> day of February, 2000 before me personally appeared Michael J. Glass to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public



## ASSIGNMENT

WHEREAS, we, Andrew L. Nicholson, Michael J. Glass, David S. Kosbie and Thomas A. Vaughan (hereinafter referred to as ASSIGNORS), having post office addresses of 14331 279<sup>th</sup> Place NE, Duvall, WA 98019, 21902 NE 140<sup>th</sup> Way, Woodinville, WA 98072, 17624 NE 30<sup>th</sup> Place, Redmond, WA 98052 and 5421 - 31<sup>st</sup> Avenue South, Seattle, WA 98108 respectively, are the joint inventors of an invention entitled "AUTOMATED SCHEMA AND INTERFACE GENERATION", as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

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: 010720 FRAME: 0904**

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Andrew L. Nicholson

STATE OF \_\_\_\_\_ )

)ss.

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 2000 before me personally appeared Andrew L. Nicholson to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

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

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Michael J. Glass

STATE OF \_\_\_\_\_ )

)ss.

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 2000 before me personally appeared Michael J. Glass to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

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

**PATENT**  
**REEL: 010720 FRAME: 0905**

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
David S. Kosbie

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

On this \_\_\_\_ day of \_\_\_\_\_, 2000 before me personally appeared David S. Kosbie to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28<sup>th</sup> day of FEBRUARY, 2000.

Thomas A. Vaughan  
Thomas A. Vaughan

STATE OF WA )  
  )ss.  
COUNTY OF KING )

On this \_\_\_\_ day of \_\_\_\_\_, 2000 before me personally appeared Thomas A. Vaughan to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

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

## ASSIGNMENT

WHEREAS, we, Andrew L. Nicholson, Michael J. Glass, David S. Kosbie and Thomas A. Vaughn (hereinafter referred to as ASSIGNORS), having post office addresses of 14331 279<sup>th</sup> Place NE, Duvall, WA 98019, 21902 NE 140<sup>th</sup> Way, Woodinville, WA 98072, 17624 NE 30<sup>th</sup> Place, Redmond, WA 98052 and 5421 - 31<sup>st</sup> Avenue South, Seattle, WA 98108 respectively, are the joint inventors of an invention entitled "AUTOMATED SCHEMA AND INTERFACE GENERATION", as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

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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.

**PATENT**  
**REEL: 010720 FRAME: 0907**



IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Andrew L. Nicholson

STATE OF \_\_\_\_\_ )

)ss.

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 2000 before me personally appeared Andrew L. Nicholson to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

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

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Michael J. Glass

STATE OF \_\_\_\_\_ )

)ss.

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 2000 before me personally appeared Michael J. Glass to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

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

**PATENT**  
**REEL: 010720 FRAME: 0908**

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29<sup>th</sup> day of March, 2000.

David S. Kosbie  
David S. Kosbie

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

On this \_\_\_ day of \_\_\_\_\_, 2000 before me personally appeared David S. Kosbie to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL] \_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Thomas A. Vaughan

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

On this \_\_\_ day of \_\_\_\_\_, 2000 before me personally appeared Thomas A. Vaughan to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL] \_\_\_\_\_  
Notary Public

RECORDED: 03/30/2000

PATENT  
REEL: 010720 FRAME: 0909