

06-30-2004

Document ID No. 102604235

Form PTO-1595
(Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Erik Meijer
Wolfram Schulte
Barend H. Venter
Chia-Hsun ChenChristopher J. Lovett
Matthew J. Warren

2. Name and address of receiving party(ies)

Name: Microsoft Corporation

Internal Address:

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Street Address: One Microsoft Way

City: Redmond State: WA Zip: 98052

Execution Date: 3/21/03 & 3/24/03

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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)

B. Patent No.(s)

10/395,973 filed on 3/25/03

Additional numbers attached? ☐ Yes ☒ No

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

Name: Himanshu S. Amin

Internal Address:

Amin & Turocy, LLP

Street Address: 24th Floor, National City Center

1900 E. 9th Street

City: Cleveland State: Ohio Zip: 44114

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. Deposit account number:

50-1063

(Attach duplicate copy of this page if paying by deposit account)

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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.

Himanshu S. Amin, Reg. No. 40,894

Name of Person Signing

Signature

June 23, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 7

06/29/2004 ECDOPER 00000141 501063

Mail documents to be recorded with required cover sheet information to:
10395973 Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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PAGE 3/9 * RCVD AT 6/23/2004 5:13:25 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/1 * DNIS:8729306 * CSID:216 696 8731 * DURATION (mm-ss):03-02

PATENT
REEL: 015508 FRAME: 0450

FORM PTO-1595 (REV 8-93)		RECORD		11-19-2003		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
OMB No. 0651-011 (exp. 4/94)		11-17-03		102604235		Patent documents or copy thereof.	
To the Honorable Commissioner of Patents and Trademarks							
1. Name of conveying party(ies): Erik Meijer Wolfram Schulte Barend H. Venter Chia-Hsun Chen Christopher J. Lovett Matthew J. Warren Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				2. Name and address of receiving party(ies): Name: Microsoft Corporation Internal Address: _____ Street Address: One Microsoft Way City: Redmond State/Country: Washington ZIP: 98052 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: 3/21/03; 3/24/03							
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: 3/21/03; 3/24/03 A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional Numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Himanshu S. Amin Internal Address: _____ Amin & Turocy, LLP Street Address: 24th Floor, National City Center 1900 E. 9th Street City: Cleveland State: Ohio ZIP: 44114				6. Total number of applications and patents involved: <input checked="" type="checkbox"/> 1 7. Total fee (37 CFR 3.41)\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 50-1063 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE				OFFICE OF FINANCE NOV 17 2003 AM 10 10 48-00-00			
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. Himanshu S. Amin Name of Person Signing Signature November 11, 2003 Date							
Reg. No. 40,894 Total number of pages including cover sheet attachments, and document: <input checked="" type="checkbox"/> 4							

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number:
Filing Date:
Inventorship: Erik Meijer, *et al.*
Applicant: Microsoft Corporation
Attorney's Docket No.: MSFTP411US
MS Docket No.: MS303027.1
Title: **IMPLEMENTATION OF ALIAS PRESERVING
STRUCTURAL SUBTYPING WITH PRECISE TYPES
USING TRANSPARENT ADAPTERS**

PATENT ASSIGNMENT**PARTIES TO THE ASSIGNMENT****Assignor(s):**

Erik Meijer
8557 SE 76th Place
Mercer Island, Washington 98040

Wolfram Schulte
16802 NE 35th Street
Bellevue, Washington 98008

Barend H. Venter
3510 254th Avenue SE
Issaquah, Washington 98029

Chia-Hsun Chen
3115 W. Ames Lake Drive NE
Redmond, Washington 98053

Christopher J. Lovett
18606 201st Avenue NE
Woodinville, Washington 98072

Matthew J. Warren
12316 181st Court NE
Redmond, Washington 98033

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, Washington 98052

Page 1 of 3

PAGE 6/9 * RCVD AT 6/23/2004 5:13:25 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/1 * DNIS:8729306 * CSID:216 696 8731 * DURATION (mm-ss):03-02

PATENT
REEL: 015508 FRAME: 0452

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number:

Filing Date:

Inventorship:

Applicant:

Attorney's Docket No.: MSFTP411US

MS Docket No.: MS303027.1

Title:

Erik Meljer, et al.

Microsoft Corporation

**IMPLEMENTATION OF ALIAS PRESERVING
STRUCTURAL SUBTYPING WITH PRECISE TYPES
USING TRANSPARENT ADAPTERS****RECEIVED
CENTRAL FAX CENTER**

JUN 23 2004

OFFICIAL**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "IMPLEMENTATION OF ALIAS PRESERVING STRUCTURAL SUBTYPING WITH PRECISE TYPES USING TRANSPARENT ADAPTERS" as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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 therefore 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, ASSIGNOR(S) hereby sell, assign and transfer unto 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

Page 2 of 3

PAGE 7/9 * RCVD AT 6/23/2004 5:13:25 PM [Eastern Daylight Time] * SVR:USPTO-EFXXRF-1/1 * DNS:8729306 * CSID:216 696 8731 * DURATION (mm:ss):03-02

**PATENT
REEL: 015508 FRAME: 0453**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number:

Filing Date:

Inventorship:

Erik Meijer, et al.

Applicant:

Microsoft Corporation

Attorney's Docket No.:

MSFTP411US

MS Docket No.:

MS303027.1

Title:

**IMPLEMENTATION OF ALIAS PRESERVING
STRUCTURAL SUBTYPING WITH PRECISE TYPES
USING TRANSPARENT ADAPTERS**

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 ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) 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 therefore.

3/21/03
Date3/21/03
Date3/21/03
Date3/21/03
Date3-21-2003
DateErik Meijer
Erik MeijerWolfram Schulte
Wolfram SchulteBarend H. Venter
Barend H. VenterChia Hsun-Chen
Chia Hsun-ChenChristopher J. Lovett
Christopher J. LovettMatthew J. Warren
Matthew J. Warren



Serial Number:

Filing Date:

Inventorship:

Erik Meijer, et al

Applicant:

Microsoft Corporation

Attorney's Docket No.: MSFTP411US

MS Docket No.: MS303027.1

Title:

**IMPLEMENTATION OF ALIAS PRESERVING
STRUCTURAL SUBTYPING WITH PRECISE TYPES
USING TRANSPARENT ADAPTERS**

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 ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) 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 therefore.

Date

Erik Meijer

Date

Wolfram Schulte

Date

Barend H. Venter

Date

3/24/03

Chia Hsun-Chen

Date

Christopher J. Lovett

Date

Matthew J. Warren

Page 3 of 3

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JUN 23 2004

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CERTIFICATE OF FASCIMILE

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being faxed to (703) 872-9306 on the date shown below to Mail Stop Assignment Recordation Services, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date: 6.23.04Signature: 

Christina M. Padamonsky

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Examiner: Unknown

Applicant(s): Erik Meijer, *et al.*

Art Unit: Unknown

Serial No: 10/395,973

Reel: Unknown

Filing Date: March 25, 2003

Frame: Unknown

Title: IMPLEMENTATION OF ALIAS PRESERVING STRUCTURAL
SUBTYPING WITH PRECISE TYPES USING TRANSPARENT ADAPTERS

Mail Stop Assignment Recordation Services
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

**RESUBMISSION OF ASSIGNMENT DOCUMENT
FOR RECORDATION**

Dear Sir:

This is in Reply to the Notice of Non-Recordation of Assignment document in connection with the subject application.

Attached is an updated version of the originally submitted recordation cover sheet, and the originally submitted assignment. The recordation cover sheet includes the patent application serial number in item 1 of the sheet, and the document ID No. 102604235 is noted in the upper right-hand corner of the cover sheet.

10/395,973

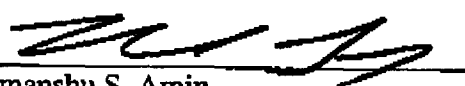
MS303027.01

Accordingly, the original date of filing of the assignment document should be maintained and a prompt response to such end is respectfully requested.

In the event any fees are due in connection with this paper, such fees may be charged to Deposit Account No. 50-1063 [MSFTP411US].

Respectfully submitted,

AMIN & TUROCY, LLP


Himanshu S. Amin
Reg. No. 40,894

AMIN & TUROCY, LLP
24TH Floor, National City Center
1900 E. 9TH Street
Cleveland, Ohio 44114
Telephone (216) 696-8730
Facsimile (216) 696-8731

**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 07, 2004

PTAS



102604235A

AMIN & TUROCY, LLP
HIMANSHU S. AMIN
24TH FLOOR, NATIONAL CITY CENTER
1900 E. 9TH STREET
CLEVELAND, OH 44114

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 102604235

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

1. THE COVER SHEET SUBMITTED FOR RECORDING DOES NOT ADEQUATELY IDENTIFY THE PROPERTY NUMBER(S). THE APPLICATION NUMBER AND SERIES CODE OR THE SERIAL NUMBER AND FILING DATE IS REQUIRED.

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

