Form PTO-1595 (Rev. 06/04)  OMB No. 0651-0027 (exp. 6/30/2005)    Table Hall Ball Ball Ball Ball Ball Ball Ball	U.S. DEPARTMENT OF COMMERCE ited States Patent and Trademark Office.					
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$\frac{q/2}{64}$	35987					
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.						
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)					
Balaji Thiagarajan Aleksey M. Savateyev	Name: Microsoft Corporation					
Bhushan S. Nene	Internal Address: One Microsoft Way					
	3478					
Execution Date(s) 8-29-04; 8-31-04; 8-30-04	Internal Address: One Microsoft Way  Street Address: One Microsoft Way  Street Address: One Microsoft Way					
Additional name(s) of conveying party(ies) attached? Yes ✓ No	175					
3. Nature of conveyance:						
Assignment Merger	City: Redmond					
Security Agreement Change of Name	State: Washington					
Government Interest Assignment	Country: USA Zip: 98052-6399					
Executive Order 9424, Confirmatory License	Zip. <u>95032-0399</u>					
Other	Additional name(s) & address(es) attached? Yes Vo					
	document is being filed together with a new application.					
A. Patent Application No.(s)	B. Patent No.(s)					
10934247	[					
	}					
Additional numbers at	ttached?					
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:					
Name: Fabio E. Marino, Bingham McCutchen LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00					
Internal Address: Three Embarcadero Center	Authorized to be charged by credit card					
18th Floor	✓ Authorized to be charged to deposit account					
Street Address:	Enclosed					
	None required (government interest not affecting title)					
City: San Francisco	8. Payment Information					
State: California Zip: 94111-4067	a. Credit Card Last 4 Numbers					
Phone Number: 650-849-4400	Expiration Date					
Fax Number: 650-849-4800	b. Deposit Account Number 50-2518					
Email Address: fabio.marino@bingham.com	Authorized User Name Bingham McCutchen LLP					
9. Signature:	<u> </u>					
Signature Signature	September 2, 2004 Date					
Scott S. Kokka	Total number of pages including cover					
Name of Person Signing	sheet, attachments, and documents:					
Documents to be recorded (including cover she	et) should be faxed to (703) 306-5995, or mailed to:					

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

Mail Stop Assignment Recordaţion Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

09/14/2004 EC00PER 00000058 502518 10934247

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filing Date

**Executed Concurrently Herewith** 

Inventorship

Balaji Thiagarajan, et al. Microsoft Corporation

Applicant

Attorney's Docket No. MS-009 US (7039802001)

MS Docket No.

3097.50.01

Title:

ENHANCED COMPILED REPRESENTATION OF TRANSFORMATION FORMATS

#### PATENT ASSIGNMENT

## PARTIES TO THE ASSIGNMENT

## Assignor(s):

Balaji Thiagarajan 1563 Oak Canyon Drive San Jose, CA 95120

Aleksey M. Savateyev 1053D Foster City Blvd. Foster City, CA 94404

Bhushan S. Nenc 5 Tambour Place Foothill Ranch, CA 92610

#### Assignee:

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

#### AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "ENHANCED COMPILED REPRESENTATION OF TRANSFORMATION FORMATS," for which: a non-provisional application for United States Letters Patent was:

executed on \_\_\_\_ and filed concurrently 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

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8/27/04 4:14 PM

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 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 ASSIGNOR(S) agree to execute all instruments and documents invention to ASSIGNEE. 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 inventi-	on or letters patent therefore.	
08/29/04	Dolayi (hiagarajan.	
Date	Balaji Thiagarajan	
	-	
Date	Alcksey M. Savateyev	
Date	Bhushan S. Nene	

Page 2 of 2

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filing Date

**Executed Concurrently Herewith** 

Inventorship

Balaji Thiagarajan, et al. Microsoft Corporation

Applicant

Attorney's Docket No. MS-009 US (7039802001)

MS Docket No.

309150.01

Title:

ENHANCED COMPILED REPRESENTATION OF TRANSFORMATION FORMATS

### PATENT ASSIGNMENT

#### PARTIES TO THE ASSIGNMENT

### Assignor(s):

Balaji Thiagarajan 1563 Oak Canyon Drive San Jose, CA 95120

Aleksey M. Savateyev 1053D Foster City Blvd. Foster City, CA 94404

Bhushan S. Nene 5 Tambour Place Foothill Ranch, CA 92610

#### Assignee:

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

#### **AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Enhanced Compiled Representation of Transformation Formats," for which:

application for	United States	Letters Pater	it was:
		•	

🔀 executed on	and filed concurrently	y 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

PA/52140871.1

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MS Docket No. 309150.01

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 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	Balaji Thiagarajan			
8/31/04	7500			
Date	Aleksey M. Savateyev			
Date	Bhushan S. Nene			

Page 2 of 2

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filing Date

**Executed Concurrently Herewith** 

Inventorship

Balaji Thiagarajan, et al.

Applicant

Microsoft Corporation Attorney's Docket No. MS-009 US (7039802001)

MS Docket No.

309150.01

Title:

ENHANCED COMPILED REPRESENTATION OF TRANSFORMATION FORMATS

#### PATENT ASSIGNMENT

#### PARTIES TO THE ASSIGNMENT

#### Assignor(s):

Balaji Thiagarajan 1563 Oak Canyon Drive San Jose, CA 95120

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Bhushan S. Nene 5 Tambour Place Foothill Ranch, CA 92610

#### Assignee:

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

#### AGREEMENT

	WHEREAS,	ASSIGNOR(S)	(listed	above)	are	inventor(s)	of	an	invention	entitled
"ENHA	NCED COMPIL	ed Representa	tion Of	TRANSF	ORM	ation Form	ats,"	for	which:	
	a non-provisional application for United States Letters Patent was:									
	axecuted	on		ar	d fil	ed concurren	ıtly l	here	ewith.	
	WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation							poration		
of the	State of Wash	hington having	a place	of busin	ness	at One Micr	osof	t W	ay, Redmo	nd, WA

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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 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	Balaji Thiagarajan	
Date	Aleksey M. Savateyev	
8/30/04	B.S. Neve	
Date	Bhushan S. Nene	

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RECORDED: 09/02/2004

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