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To The Honorable Commission	er of I	10282889		ached original docume		•
1. Name of conveying parties:			2. Ivaine une ade	dress of receiving part	y:	o
Christopher Alan Hays First Assignor		t 23, 2004 Execution	Name:	Microsoft Corporati		U.S. PT 7894
. D.C. I	A	27 2004	Street Address:	One Microsoft Way)2 <u>7</u>
Jason D. Carlson Second Assignor		£ 27, 2004 Execution	City:	Redmond		10/6
Fang Wang Third Assignor		t 23, 2004 f Execution	State:	Washington	ZIP: 98052	
Fourth Assignor	Date o	f Execution		(s) & address attached nveyance (check only		
Fifth Assignor	Date o	f Execution	New Assignr License Agre Change of N	ement Sec	erger curity Agreement her:	
Sixth Assignor	Date of	f Execution				
Additional name(s) of conveying party((ies) attached?	☐ YES ☒ NO				
				named executing August 23, 2004 (Fill-in this date together with a r	only if assignment	is filed
5. Name and address of party to concerning documents should be		rrespondence	6. Total number	r of applications and pa	atents involved: _1	
Name: Nathaniel Ari Long WOODCOCK WASHBURN LLP One Liberty Place – 46 th Floor Philadelphia, Pennsylvania 19103-7301		7. Total fee (37 CFR 3.41): \$40.00 Enclosed Authorized to be charged to Deposit Account Number 23-3050				
215-568-3100				e any deficiency or co ount Number 23-3050		ment to
		DO NOT US	SE THIS SPACE			
9. Statement and signature.	nd haliaf +			proof and any attacks	d convis a true con	w of the
To the best of my knowledge a original document.	nd belief, t			rrect and any attached		. •
To the best of my knowledge and original document. Nathaniel Ari Long / 53,233		he foregoing informat	tion is true and co	rrect and any attached	August	<u>27, 2004</u>
To the best of my knowledge as original document. Nathaniel Ari Long / 53,233 Name of Person Signing/Reg. N	No.	he foregoing informat S	tion is true and co		August	. •
To the best of my knowledge and original document. Nathaniel Ari Long / 53,233	No.	he foregoing informat Si et, assignment document	tion is true and co		August	<u>27, 2004</u>
To the best of my knowledge and original document. Nathaniel Ari Long / 53,233 Name of Person Signing/Reg. Name	No. ag cover she	Sincet, assignment documented information to:	ignature ent and additional	pages attached thereto	August	<u>27, 2004</u>
To the best of my knowledge and original document. Nathaniel Ari Long / 53,233 Name of Person Signing/Reg. Name of pages including Mail documents to be recorded with recorded.	No. ag cover she	set, assignment documented information to: Mail Stop Assignment US Pa	ion is true and con ignature ent and additional	pages attached thereto	August	<u>27, 2004</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filing	Date	Executed Concurrently Herewith
Title:	SYSTEMS AND METHODS FOR DECLA	ARATIVELY CONTROLLING THE VISUAL
	STATE OF ITEMS IN A REPORT	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignors:

Christopher Alan Hays 20719 Rimrock Road Monroe, Washington 98272

Jason D. Carlson 12815 181st Avenue NE Redmond, Washington 98052

Fang Wang 618 168th Avenue NE Bellevue, Washington 98008

Assignee:

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

AGREEMENT

WHEREAS, ASSIGNORS (listed above) are inventors of an invention entitled SYSTEMS AND METHODS FOR DECLARATIVELY CONTROLLING THE VISUAL STATE OF ITEMS IN A REPORT for which:

Page 1 of 3

a provisional application for United States Letters Patent was filed on	and was
given U.S. Application No. and/or	
a non-provisional application for United States Letters Patent was:	
filed on and was given U.S. Application No. ; or	
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 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 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

Attorney Docket No. MSFT-3479 MS Docket No. 307873.01

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.

08/	23/2004	
DATE		

Christopher Alan Hays

8-	-27-04		
DATE			

Jason D. Carlson

8/23/2004

DATE

٠,

Fang Wang