			COVER SHEET		
To the Honorab.	102532030		cord the attached original do	cument(s) or copy thereof	. O
1. Name of conveying party(ies) (assignor((s)):		8-15-0	2	
Ryan BURKHARDT, Jason COH	EN, Stephen LODWICK, and	d Raj JHANW.	AR 8 - 10 - 0		u.s 6418
<u>Additional name(s) of conveying party(ie</u> 2. Name and Address of Party(ies) receivin		0			
					03
Address: One Microsoft Way					
City: <u>Redmond</u> State Country: <u>U.S.A.</u>	e: <u>WA</u> Zip	p: <u>98052</u>			
Additional name(s) & address(es) attache 3. Nature of Conveyance:	d?□yes ⊠no				
	Merger		□ Change of Name		
Verified Translation	Carter Security Agreement	C Other			
Execution Date: _August 14, 2003		-			
 Application number(s) or patent number If this document is being filed together w A. <u>Patent Application No(s).</u> 		,		14, 2003	
If this document is being filed together w		ecution date(s)	of the application is: <u>August</u>	14, 2003	
	vith a new application, the ex	ecution date(s) B. <u>Paten</u>	of the application is: <u>August</u>	14, 2003	
If this document is being filed together w A. <u>Patent Application No(s).</u>	vith a new application, the ex	B. <u>Paten</u> B. <u>Paten</u> I sheet(s) attacl 6. Total nu	of the application is: <u>August</u> <u>No(s)</u> .	ts involved:	
If this document is being filed together w A. <u>Patent Application No(s)</u> . 5. Name and address of party to whom correconcerning document should be mailed: James J. Barta, Jr.	vith a new application, the ex Others on additional espondence	B. <u>Paten</u> B. <u>Paten</u> I sheet(s) attacl 6. Total nu Applicat 7. Total Fe	of the application is: <u>August</u> <u>No(s)</u> . Hed? \Box Yes \boxtimes No Imber of applications and patention(s) <u>1</u> + Patent(s): $e(37 \text{ CFR } 3.41) \dots$	ts involved: = Total_1	\$ 40.00
If this document is being filed together w A. <u>Patent Application No(s)</u> . 5. Name and address of party to whom correction concerning document should be mailed:	vith a new application, the ex Others on additional espondence	ecution date(s) B. <u>Paten</u> I sheet(s) attact 6. Total nu Applicat 7. Total Fe ⊠ En	of the application is: <u>August</u> <u>No(s)</u> . Hed? \Box Yes \boxtimes No Imber of applications and patention(s) <u>1</u> + Patent(s): $e(37 \text{ CFR } 3.41) \dots$	ts involved: = Total <u>1</u>	\$ 40.00
 If this document is being filed together w A. <u>Patent Application No(s)</u>. 5. Name and address of party to whom correconcerning document should be mailed: James J. Barta, Jr. Senniger, Powers, Leavitt & Roede 	vith a new application, the ex Others on additional espondence	ecution date(s) B. <u>Paten</u> I sheet(s) attact 6. Total nu Applicat 7. Total Fe ⊠ En □ Au	of the application is: <u>August</u> <u>No(s)</u> . Hed? □ Yes ⊠ No Imber of applications and patention(s) <u>1</u> + Patent(s): E (37 CFR 3.41)	ts involved: = Total <u>1</u>	\$ 40.00
 If this document is being filed together w A. <u>Patent Application No(s)</u>. 5. Name and address of party to whom correction concerning document should be mailed: James J. Barta, Jr. Senniger, Powers, Leavitt & Roede One Metropolitan Square 16th Floor 	vith a new application, the ex Others on additional espondence	I sheet(s) attacl 6. Total nu Applicat 7. Total Fe ⊠ En □ Au 8. Deposit (Dup	of the application is: <u>August</u> <u>No(s)</u> . ed? □ Yes ⊠ No mber of applications and patent ion(s) <u>1</u> + Patent(s): e (37 CFR 3.41) elosed thorized to be charged to depos Account Number: <u>19-1345</u> icate copy of this sheet attache	ts involved: = Total <u>1</u> it account d)	\$ 40.00
 If this document is being filed together w A. <u>Patent Application No(s)</u>. 5. Name and address of party to whom corra concerning document should be mailed: James J. Barta, Jr. Senniger, Powers, Leavitt & Roede One Metropolitan Square 16th Floor St. Louis, Missouri 63102 	vith a new application, the ex Others on additional espondence	ecution date(s) B. <u>Paten</u> I sheet(s) attact 6. Total nu Applicat 7. Total Fe ⊠ En ⊡ Au 8. Deposit (Dup ⊠ Cha:	of the application is: <u>August</u> <u>No(s)</u> . Hed? □ Yes ⊠ No Imber of applications and patention(s) <u>1</u> + Patent(s): He (37 CFR 3.41) closed chorized to be charged to depose Account Number: 19-1345	ts involved: = Total <u>1</u> it account d)	\$ 40.00
 If this document is being filed together w A. Patent Application No(s). 5. Name and address of party to whom corra concerning document should be mailed: James J. Barta, Jr. Senniger, Powers, Leavitt & Roede One Metropolitan Square 16th Floor St. Louis, Missouri 63102 (314) 231-5400 (telephone) 	vith a new application, the ex Others on additional espondence	ecution date(s) B. <u>Paten</u> I sheet(s) attact 6. Total nu Applicat 7. Total Fe ⊠ En ⊡ Au 8. Deposit (Dup ⊠ Cha:	of the application is: <u>August</u> <u>No(s)</u> . Hed? □ Yes ⊠ No Imber of applications and patention(s) <u>1</u> + Patent(s): te (37 CFR 3.41) closed thorized to be charged to depose Account Number: <u>19-1345</u> icate copy of this sheet attache ge any underpayment or credit Deposit Account	ts involved: = Total <u>1</u> it account d)	\$ 40.00
 If this document is being filed together w A. <u>Patent Application No(s)</u>. 5. Name and address of party to whom corra concerning document should be mailed: James J. Barta, Jr. Senniger, Powers, Leavitt & Roede One Metropolitan Square 16th Floor St. Louis, Missouri 63102 	vith a new application, the ex Others on additional espondence	ecution date(s) B. <u>Paten</u> I sheet(s) attacl 6. Total na Applicat 7. Total Fe ⊠ En Q Au 8. Deposit (Dup ⊠ Cha: above	of the application is: <u>August</u> <u>No(s)</u> . Med? □ Yes ⊠ No Imber of applications and patention(s) <u>1</u> + Patent(s): <u></u> te (37 CFR 3.41) elosed thorized to be charged to depost Account Number: <u>19-1345</u> icate copy of this sheet attache ge any underpayment or credit Deposit Account SPACE	ts involved: = Total <u>1</u> it account d) any overpayment to	
 If this document is being filed together w A. <u>Patent Application No(s)</u>. Name and address of party to whom corraconcerning document should be mailed: James J. Barta, Jr. Senniger, Powers, Leavitt & Roede One Metropolitan Square 16th Floor St. Louis, Missouri 63102 (314) 231-5400 (telephone) Statement and signature To the best of my knowledge and belief, the 	vith a new application, the ex Others on additional espondence	ecution date(s) B. <u>Paten</u> I sheet(s) attacl 6. Total na Applicat 7. Total Fe ⊠ En Q Au 8. Deposit (Dup ⊠ Cha: above	of the application is: <u>August</u> <u>No(s)</u> . Med? □ Yes ⊠ No Imber of applications and patention(s) <u>1</u> + Patent(s): <u></u> te (37 CFR 3.41) elosed thorized to be charged to depost Account Number: <u>19-1345</u> icate copy of this sheet attache ge any underpayment or credit Deposit Account SPACE	ts involved: = Total <u>1</u> it account d) any overpayment to e copy of the original docu	iment.
 If this document is being filed together w A. <u>Patent Application No(s)</u>. 5. Name and address of party to whom correconcerning document should be mailed: James J. Barta, Jr. Senniger, Powers, Leavitt & Roede One Metropolitan Square 16th Floor St. Louis, Missouri 63102 (314) 231-5400 (telephone) 6. Statement and signature To the best of my knowledge and belief, th <u>James J. Barta, Jr.</u> Name of Person Signing 	vith a new application, the ex Others on additional espondence	B. <u>Pateni</u> B. <u>Pateni</u> I sheet(s) attacl 6. Total nu Applicat 7. Total Fe ⊠ En □ Au 8. Deposit (Dup ⊠ Cha: above NOT USE THIS rue and correct	of the application is: <u>August</u> No(s). Med? \Box Yes \boxtimes No mber of applications and patention(s) <u>1</u> + Patent(s): e (37 CFR 3.41) closed thorized to be charged to depose Account Number: <u>19-1345</u> icate copy of this sheet attache ge any underpayment or credit Deposit Account SPACE and any attached copy is a true The second	ts involved: = Total_1	iment.
 If this document is being filed together w A. <u>Patent Application No(s)</u>. 5. Name and address of party to whom correconcerning document should be mailed: James J. Barta, Jr. Senniger, Powers, Leavitt & Roede One Metropolitan Square 16th Floor St. Louis, Missouri 63102 (314) 231-5400 (telephone) 6. Statement and signature To the best of my knowledge and belief, th <u>James J. Barta, Jr.</u> Name of Person Signing 	vith a new application, the ex Others on additional espondence	B. <u>Pateni</u> B. <u>Pateni</u> I sheet(s) attacl 6. Total nu Applicat 7. Total Fe ⊠ En □ Au 8. Deposit (Dup ⊠ Cha: above NOT USE THIS rue and correct	of the application is: <u>August</u> <u>No(s)</u> . Med? □ Yes ⊠ No Imber of applications and patention(s) <u>1</u> + Patent(s): <u></u> te (37 CFR 3.41) elosed thorized to be charged to depost Account Number: <u>19-1345</u> icate copy of this sheet attache ge any underpayment or credit Deposit Account SPACE	ts involved: = Total_1	iment.

PATENT REEL: 014405 FRAME: 0533

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship	Burkhardt et al.
Applicant	Microsoft Corporation
Attorney's Docket No.	MSFT 5066
MS Docket No.	
Title: SERVICING A COMPONENT-BASED SOFTWARE F	RODUCT THROUGHOUT THE

SOFTWARE PRODUCT LIFECYCLE

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Ryan Burkhardt 22590 NE 99th Way Redmond, Washington 98053

Jason Cohen 16439 48th Avenue S Seatac, Washington 98188

Stephen Lodwick 25856 175th Place SE Covington, Washington 98042

Raj Jhanwar 8734 NE 144th Court Bothell, Washington 98011

<u>Assignee:</u>

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 "SERVICING A COMPONENT-BASED SOFTWARE PRODUCT THROUGHOUT THE SOFTWARE PRODUCT LIFECYCLE," 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 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.

> PATENT REEL: 014405 FRAME: 0535

Attorney Docket No. MSFT 5066 MS Docket No. 155711.01

MAJ9 03 Date

14/03 в

Ryan Burkhardt

Date

Jason Cohen

1411 2003 Date

Stephen Lody

<u>8|14|2003.</u> Date