FORM PTO-1595 (Modified) (Rev 6-93) OMB No. 0651-0011*(exp. 4/94) Copyright 1994-97 LegalStar RE.

03-29-1999

Docket No.: 13768.19.1

PATENT

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks	Please record the attached original documents or copy thereof.
Name of conveying party(ies): David R. Shutt	2. Name and address of receiving party(ies):
Steven M. Cellini	Name: MICROSOFT CORPORATION
	Internal Address:
Additional names(s) of conveying party(ies)	57 6
3. Nature of conveyance:	6.00 = 00 = 00 = 00 = 00 = 00 = 00 = 00
o, Hataro or conveyance.	
🛚 Assignment 🔲 Merger	Street Address: One Microsoft Corporation
☐ Security Agreement ☐ Change of Name	
_	ou Dodmand ou WA TIP 90052
Other	City: Redmond, State: WA ZIP: 89052
Execution Date: March 18, 1999	Additional name(s) & address(es) attached? Yes No
4. Application number(s) or registration numbers(s):	
	n the evecution date of the application is: **
If this document is being filed together with a new application	m, the execution date of the application is. March 18, 1999
A. Patent Application No.(s)	B. Patent No.(s)
	09/272/10
	017010
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Additional numbers atta	ched? 🔲 Yes 🔀 No
5. Name and address of party to whom correspondence	
concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Rick D. Nydegger	7. Total fee (37 CFR 3.41):\$
Internal Address:	☐ Enclosed - Any excess or insufficiency should be
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Street Address: 1000 Eagle Gate Tower	8. Deposit account number:
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9. Statement and signature. To the best of my knowledge and belief the foregoing information.	mation is true and correct and any attached copy is a true copy
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PATENT APPLICATION
Docket No: 13768.19.1

Express Mailing Label No. EL 342 667 955 US

Workman, Nydegger & Seeley 1000 Eagle Gate Tower 60 East South Temple Salt Lake City, Utah 84111

ASSIGNMENT

WHEREAS, we David R. Shutt and Steven M. Cellini, (hereinafter referred to as ASSIGNORS), having post office addresses of 219½ Howe Street, Seattle, WA 98109 (mailing-14150 N.E. 20th Street #325, Bellevue, WA 98007) and 2712 West Betterna Street, Seattle, WA 98199, respectively, are the joint inventors of an invention entitled "METHOD, DATA STRUCTURE, AND COMPUTER PROGRAM PRODUCT FOR OBJECT STATE STORAGE IN A REPOSITORY," as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

BERTONA

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 letter 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 therefore.

	Sand Rethat
	David R. Shutt
STATE OF WASHINGTON) : ss.	
COUNTY OF KING)	
to me to be the person described and who acknowledged under oath before me that he/s	before me personally appeared David R. Shutt, known signed the foregoing Assignment in my presence and she has read the same and know the contents thereof and e act and deed and for the purposes set forth therein.
PUBLIC OF WASHING	NOTARY PUBLIC Residing at Redmond, Washington My Commission Expires: 101002
Millen	Steven M. Cellini
STATE OF WASHINGTON) : ss. COUNTY OF KING) On, 1999, before me personally appeared Steven M. Cellini, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he/she has read the same and know the contents thereof and	
	NOTARY PUBLIC Residing at Redmond, Washington My Commission Expires:

PATENT REEL: 9839 FRAME: 0502

RECORDED: 03/19/1999