PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dragan Tomic	07/20/2005
Shankar Pal	07/19/2005
Stanislav A. Oks	07/19/2005
Jonathan D. Morrison	07/19/2005
Mark C. Benvenuto	07/18/2005

RECEIVING PARTY DATA

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11185310

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Himanshu S. Amin

Total Attachments: 2

500043152

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PATENT ASSIGNMENT

WE, DRAGAN TOMIC, SHA	NKAR PAL, STANISLAV A. OKS, JONATHAN D.
MORRISON, and MARK C. BENVENUTO ("ASSIGNORS"), have invented subject matter
("INVENTION") disclosed and/or claimed	in a patent application entitled "MEMORY
CACHE MANAGEMENT IN XML/RELATIO	NAL DATA MAPPING" ("APPLICATION"), which:
will be filed without t	his executed PATENT ASSIGNMENT. ASSIGNORS
hereby authorize, and	request, ASSIGNEE'S legal representatives, of
Amin and Turocy, LLP	, 1900 E. 9th Street, Cleveland, Ohio 44114,
who are associated wi	th customer number 27195, to insert here in
parenthesis (U.S. Seria	Il No, filed)
this APPLICATION'S II	S. Serial Number and filing date, when known;
was filed on	and was given U.S. Serial No
is filed concurrently h	erewith;
Microsoft Corporation, a W	ashington Corporation, on hehalf of itself and
its successors and assigns ("ASSIGNEE"),	is entitled to, and is desirous of acquiring, the
entire and exclusive rights, title and inte	erest in the INVENTION and the APPLICATION
(and all other applications and patents of	lerived therefrom, such as continuing
applications, in and for the United States	s, its territories, and all foreign countries
("APPLICATION DERIVATIVES"));	The state of the s
For good and valuable con	sideration, the receipt of which is hereby
acknowledged by the ASSIGNORS, the AS	SSIGNORS hereby sell, assign and transfer to
the ASSIGNEE, the entire and exclusive ri	ights, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DER	EVATIVES).
ASSIGNORS agree to execut	te all instruments and documents required for
the making and prosecution of the APPLI	CATION (and APPLICATION DERIVATIVES), for
litigation regarding letters patent deriver	therefrom, and for the purpose of protecting
and perfecting title to the APPLICATION (and APPI ICATION DEPLYATIVES
•	CONTROL DERIVATIVES),
7/20/2005	Dryn Line
DATE	DRAGAN TOMIC
DATE	
DATE	SHANKAR PAL
DATE	CTANICIAN A CHO
	STANISLAV A. OKS
DATE	
	JONATHAN D. MORRISON
DATE	
-	MARK C. BENVENUTO

PATENT ASSIGNMENT

WE, DRAGAN TOMIC, SHANK	AR PAL, STANISLAV A. OKS, JONATHAN D.
MOKKISON, AND MARK C. BENVENUTO ("AS	SIGNORS"), have invented subject matter
(INVENTION) disclosed and/or claimed in	a patent application entitled "MEMORY
CACHE MANAGEMENT IN XML/RELATIONAL	DATA MAPPING" ("APPLICATION") which
Will be filed without this	executed PATENT ASSIGNMENT. ASSIGNORS
hereby authorize, and rec	quest, ASSIGNEE'S legal representatives, of
Amin and Turocy, LLP, 19	900 E. 9th Street, Cleveland, Ohio 44114,
who are associated with o	customer number 27195, to insert here in
parenthesis (U.S. Serial No	o, filed
this APPLICATION'S U.S. S	erial Number and filing date, when known;
was filed on	nd was given U.S. Serial No.
is filed concurrently herev	with;
Microsoft Corporation, a Wash	lington Corporation, on hehalf of itself and
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land all other applications and patents deriv	ed therefrom, such as continuing
applications, in and for the United States, it	s territories, and all foreign countries
("APPLICATION DERIVATIVES"));	an foreign countries
	ration, the receipt of which is hereby
acknowledged by the ASSIGNORS, the ASSIG	NORS hereby sell assign and transfer to
the ASSIGNEE, the entire and exclusive right	5. title and interest in the INVENTION of the
the APPLICATION (and APPLICATION DERIVA	TIVES)
ASSIGNORS agree to execute a	ll instruments and documents required for
the making and prosecution of the APPLICAT	FION (and APPLICATION DEPRATING)
litigation regarding letters patent derived the	erefrom and for the many
and perfecting title to the APPLICATION (and	Application per the purpose of protecting
The state of the All LICATION (and	APPLICATION DERIVATIVES).
DATE	DRAGAN TOMIC
July 19, 2005	18 aubon Poll
DATE	SHANKAR PAL
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July 19, 2003	Som
DATE U	STANISLAV A. OKS
July 19,2005	1// -
PATE	JONATHAN D. MORRISON
	JAMES ON DISTRIBUTION
July, 18 2005	Splock C. Domenuto
PATE	MARK C. BENVENUTO

RECORDED: 08/03/2005