P \$40.00 1117

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARC DASKALOVIC	06/27/2005
EUGENE ZARAKHOVSKY	06/29/2005
CHRISTIAN ERIC SCHROCK	06/28/2005

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:	11172463

CORRESPONDENCE DATA

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Address Line 1: 2555 GRAND BLVD.

Address Line 4: KANSAS CITY, MISSOURI 64108-2613

NAME OF SUBMITTER: SCOTT B. STROHM

Total Attachments: 3

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> PATENT REEL: 016304 FRAME: 0928

500041648

MS Docket No. 311819.01 (OC Docket No. MFCP.118097)

PATENT ASSIGNMENT

I/WE, Marc Daskalovic, Eugene Za	trakhovsky, and Christian Eric Schrock ("ASSIGNOR"),		
have invented subject matter ("INVENTION	l") disclosed and/or claimed in a patent		
application entitled "Dimensional Reduction Us	sing Data: Matching in High Dimensional Space"		
("APPLICATION"), which:			
$oxed{\sum}$ will be filed without this	executed PATENT ASSIGNMENT. ASSIGNOR		
hereby authorizes, and i	requests, ASSIGNEE'S legal representatives,		
who are associated with	customer number, to insert here in		
parenthesis (U.S. Serial f	No. 11/172,463, filed 6/30/05) this		
APPLICATION's U.S. Seria	al Number and filing date, when known;		
was filed on an	d was given U.S. Serial No;		
is filed concurrently her	ewith;		
Microsoft Corporation, a Washington Corporation, on behalf of itself and			
its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the			
entire and exclusive rights, title and interes	est in the INVENTION and the APPLICATION		
(and all other applications and patents de	rived therefrom, such as continuing		
applications, in and for the United States,	its territories, and all foreign countries		
("APPLICATION DERIVATIVES"));			
For good and valuable consi	deration, the receipt of which is hereby		
acknowledged by the ASSIGNOR, the ASSIG	GNOR hereby sells, assigns and transfers to		
the ASSIGNEE, the entire and exclusive rig	hts, title and interest in the INVENTION and		
the APPLICATION (and APPLICATION DERIV	VATIVES);		
ASSIGNOR agrees to execute	all instruments and documents required for		
the making and prosecution of the APPLIC	CATION (and APPLICATION DERIVATIVES), for		
litigation regarding letters patent derived	therefrom, and for the purpose of protecting		
and perfecting title to the APPLICATION (a	ind APPLICATION DERIVATIVES).		
6-27-2005			
DATE	Marc Daskalovic		
DATE	Eugene Zarakhovsky		
DATE	Christian Eric Schrock		

.

PATENT ASSIGNMENT

DATE	Christian Eric Schrock	
DATE	Eugene Zarakhovsky	
6/23/05	Marc Daskalovic	
litigation regarding letters patent of	derived therefrom, and for the purpose of protecting TION (and APPLICATION DERIVATIVES).	
ASSIGNOR agrees to the making and prosecution of the	APPLICATION (and APPLICATION DERIVATIVES), for	
the APPLICATION (and APPLICATIO	N DERIVATIVES); execute all instruments and documents required for	
the ASSIGNEE, the entire and exclu-	sive rights, title and interest in the INVENTION and	
acknowledged by the ASSIGNOR, th	ne ASSIGNOR hereby sells, assigns and transfers to	
("APPLICATION DERIVATIVES"));	e consideration, the receipt of which is hereby	
	States, its territories, and all foreign countries	
(and all other applications and pate	ents derived therefrom, such as continuing	
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION		
	and was given U.S. Serial No;	
APPLICATION'S U.	S. Serial Number and filing date, when known;	
parenthesis (U.S.)	Serial No. $11/112,463$ filed $6/30/05$) this	
hereby authorizes	d with customer number, to insert here in	
will be filed witho	ut this executed PATENT ASSIGNMENT. ASSIGNOR	
("APPLICATION"), which:		
application entitled "Dimensional Redu	ction Using Data Matching in High Dimensional Space"	
have invented subject matter ("INVE	NTION") disclosed and/or claimed in a patent	
I-/ME-M-m-Daskatovic File	gene Zarakhovsky, and Christian Eric Schrock ("ASSIGNOR"),	

MS Docket No. 311819.01 (OC Docket No. MFCP.118097)

PATENT ASSIGNMENT

17WE, Marc Daskalovic, Eugene Za	cakhovsky, and Christian Eric Schrock ("ASSIGNOR"),
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application entitled "Dimensional Reduction its	
("APPLICATION"), which:	
will be filed without this	executed PATENT ASSIGNMENT. ASSIGNOR
	equests, ASSIGNEE'S legal representatives,
who are associated with	customer number, to insert here in
parenthesis (U.S. Serial N	No. 11/172463 filed 6/30/05) this
	al Number and filing date, when known;
was filed on an	d was given U.S. Serial No;
is filed concurrently her	ewith;
Microsoft Corporation, a Wa	shington Corporation, on behalf of itself and
its successors and assigns ("ASSIGNEE"), is	entitled to, and is desirous of acquiring, the
entire and exclusive rights, title and intere	est in the INVENTION and the APPLICATION
(and all other applications and patents de	and the second s
applications, in and for the United States,	its territories, and all foreign countries
("APPLICATION DERIVATIVES"));	
and the control of th	deration, the receipt of which is hereby
right of the foreign of the first of the fir	CNOR hereby sells, assigns and transfers to
india di Professione della compania di	hts, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DERIV	
	all instruments and documents required for
and a second of the first of the contract of t	ATION (and APPLICATION DERIVATIVES), for
- 1. T	therefrom, and for the purpose of protecting
and perfecting title to the APPLICATION (a	nd APPLICATION DERIVATIVES).
DATÉ	Marc Diskalovic
DATE A SECOND SE	Eugene Zarakhovsky
DATE (/2/8/65	
DATE	Christian Eric Schrock

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PATENT REEL: 016304 FRAME: 0931