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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David Kruse	03/23/2007
Ramanathan Ganapathy	03/20/2007
Jeffrey C. Fuller	05/01/2007
Mathew George	05/01/2007

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:	11690962

CORRESPONDENCE DATA

Fax Number: (312)474-0448

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 3124746300

Email: docket@marshallip.com

Correspondent Name: William J. Kramer
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Address Line 2: 6300 Sears Tower

Address Line 4: Chicago, ILLINOIS 60606-6357

ATTORNEY DOCKET NUMBER:	30835/319097
NAME OF SUBMITTER:	William J. Kramer

PATENT REEL: 019237 FRAME: 0902

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Total Attachments: 4

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PATENT

REEL: 019237 FRAME: 0903

PATENT ASSIGNMENT

/ . margitory Williams intofitted 2001	Ramanathan Ganapathy, Jeffrey C. Fuller, Matthew George ject matter ("INVENTION") disclosed and/or claimed in a patent ipeline with Denial of Service Mitigation" ("APPLICATION"),
which:	APPLICATION"),
Gerstein & Boi insert here in	ithout this executed PATENT ASSIGNMENT. ASSIGNOR hereby and requests, ASSIGNEE'S legal representatives, of Marshall, run LLP, who are associated with customer number 45373, to parenthesis (U.S. Serial No. 11/690,962
Tuing date, wh	
is filed concur	LICATION's U.S. Serial Number and filing date, when known; and was given U.S. Serial No; rently herewith;
exclusive rights, title and interest applications and patents derived to United States, its territories, and a For good and valual acknowledged by the ASSIGNOR, the ASSIGNEE, the entire and exclusive APPLICATION (and APPLICATION DEASSIGNOR agrees to making and prosecution of the APPLICATION and APPLICATION of the APPLICATION and prosecution of the APPLICATION and prosecution of the APPLICATION and prosecution of the APPLICATION applications.	execute all instruments and documents required for the PLICATION (and APPLICATION DERIVATIVES), for litigation erefrom, and for the purpose of protecting and posterior
DATE	Ramanathan Ganapathy
DATE	Jeffrey C. Fuller
DATE	Matthew George

PATENT REEL: 019237 FRAME: 0904 MS Docket No. 319097.01 (OC Docket No. 30835/319097)

PATENT ASSIGNMENT

	rAi	CIVITADAGE C. Fullar Matthew George
	We, David Kruse, Ramanati	han Ganapathy, Jeffrey C. Fuller, Matthew George
("ASSIGNOR")	, have invented subject matt	er ("INVENTION") disclosed and/or claimed in a patent
application e	ntitled "File Server Pipeline w	vith Denial of Service Mitigation" ("APPLICATION"),
which:		
	will be filed without th	nis executed PATENT ASSIGNMENT. ASSIGNOR hereby
	authorizon and reque	ests ASSIGNEE'S legal representatives, or marshall,
	Gerstein & Borun LLP,	who are associated with customer number 45575, to
	incart bare in narenth	nesis (U.S. Serial No. <u>11/690, 962</u> ,
	filed MARCH 26,	2007) this APPLICATION's U.S. Serial Number and
	filing date when know	wn [,]
	filed this APPLICATIO	on's U.S. Serial Number and filing date, when known;
	was filed on	and was given U.S. Serial No
	is filed concurrently h	nerewith:
	Meracoft Corporation a	Washington Corporation, on behalf of itself and its
	WICEOSOF CORPORATION, a	entitled to, and is desirous of acquiring, the entire and
successors a	and assigns (Additional in the	INVENTION and the APPLICATION (and all other
exclusive rig	ints, title and interest in the	om, such as continuing applications, in and for the
applications	, and patents derived therein	ign countries ("APPLICATION DERIVATIVES"));
United State	is, its territories, and an iore	nsideration, the receipt of which is hereby
	For good and valuable co	sicking bareby sells assigns and transfers to the
acknowledg	ed by the ASSIGNOR, the ASS	SIGNOR hereby sells, assigns and transfers to the
ASSIGNEE, t	he entire and exclusive right	s, title and interest in the INVENTION and the
APPLICATIO	N (and APPLICATION DERIVA	(TIVES);
	ASSIGNOR agrees to exec	cute all instruments and documents required for the
making and	I prosecution of the APPLICA	TION (and APPLICATION DERIVATIVES), for litigation
regarding le	etters patent derived therefro	om, and for the purpose of protecting and perfecting
title to the	APPLICATION (and APPLICAT	ION DERIVATIVES).
DATE		David Kruse
1		10 1
03/ 8	20/07	
DATE		Ramanathan Ganapathy
		- Company - Comp
DATE		Jeffrey C. Fuller
,		
DATE		Matthew George

MS Docket No. 319097.01 (OC Docket No. 30835/319097)

PATENT ASSIGNMENT

("ASSIGNOR"), have invented subje	amanathan Ganapathy, Jeffrey C. Fuller, Matthew George ect matter ("INVENTION") disclosed and/or claimed in a patent peline with Denial of Service Mitigation" ("APPLICATION"),
will be filed wi authorizes, an Gerstein & Bor insert here in p filed <u>MARCH</u> filing date, wh	•
was filed on is filed concurr	•
successors and assigns ("ASSIGNE exclusive rights, title and interest applications and patents derived to United States, its territories, and a For good and valua acknowledged by the ASSIGNOR, to ASSIGNEE, the entire and exclusive APPLICATION (and APPLICATION DASSIGNOR agrees to making and prosecution of the APPLICATION of the APPLICATION and the APPLICATION of the APPLIC	o execute all instruments and documents required for the PLICATION (and APPLICATION DERIVATIVES), for litigation nerefrom, and for the purpose of protecting and perfecting
DATE	David Kruse
May 1, 2007 DATE	Ramanathan Ganapathy Jemps C. Fuller
DATE	Matthew George

PATENT ASSIGNMENT

We, David Kruse, Ramanathan Ganapathy, Jeffrey C. Fuller, Matthew George

("ASSIGNOR"), have invented subject matter ("IN application entitled "File Server Pipeline with De which:	VENTION") disclosed and/or claimed in a patent inial of Service Mitigation" ("APPLICATION"),
will be filed without this exe authorizes, and requests, A Gerstein & Borun LLP, who a	cuted PATENT ASSIGNMENT. ASSIGNOR hereby SSIGNEE'S legal representatives, of Marshall, re associated with customer number 45373, to 3.5. Serial No. 11/690,962
filed MARCH 26, 2007 filing date, when known; filed) this APPLICATION's U.) this APPLICATION's U.S. Serial Number and S. Serial Number and filing date, when known; nd was given U.S. Serial No;
successors and assigns ("ASSIGNEE"), is entitled exclusive rights, title and interest in the INVENT applications and patents derived therefrom, sucunited States, its territories, and all foreign couron For good and valuable considerate acknowledged by the ASSIGNOR, the ASSIGNOR ASSIGNEE, the entire and exclusive rights, title a APPLICATION (and APPLICATION DERIVATIVES);	TON and the APPLICATION (and all other thas continuing applications, in and for the intries ("APPLICATION DERIVATIVES")); tion, the receipt of which is hereby hereby sells, assigns and transfers to the and interest in the INVENTION and the instruments and documents required for the ind APPLICATION DERIVATIVES), for litigation for the purpose of protecting and perfecting
DATE	David Kruse
DATE	Ramanathan Ganapathy
DATE 1 May 2007	Jeffrey C. Fuller
DATE	Matthew George Mathew George

RECORDED: 05/02/2007

PATENT REEL: 019237 FRAME: 0907