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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Vladimir Sadovsky	08/22/2007
Robin Alexander	08/22/2007
Frank Shu	08/23/2007
Nathan Obr	08/24/2007

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:	11856167	

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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

Phone: 425-707-2290

Email: dbouton@microsoft.com

Correspondent Name: Dianne Bouton
Address Line 1: One Microsoft Way

Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	318753.02
NAME OF SUBMITTER:	V. Nagarajan

Total Attachments: 4

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PATENT REEL: 019833 FRAME: 0325

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> PATENT REEL: 019833 FRAME: 0326

MS Docket No. 318753.02

PATENT ASSIGNMENT

WE, Vladimir Sadovsky, Robin Alexander, Frank Shu, and Nathan Obr ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "HINTS MODEL FOR OPTIMIZATION OF STORAGE DEVICES CONNECTED TO HOST AND WRITE OPTIMIZATION SCHEMA FOR STORAGE DEVICES" ("APPLICATION"), which:

\boxtimes	will be filed without this executed	PATENT ASSIGNMENT. ASSIGNOR hereby
	authorizes and requests, ASSIGNI	EE'S legal representatives, of the Law and
	Corporate Affairs Department, Mi	crosoft Corporation, One Microsoft Way,
	Redmond, Washington 98052, wh	no are associated with customer number
	69316, to insert here in parenthe	sis (Application Ser. No. 11/856,167, filed
	09/17/2007) this APPLICATION's A	pplication Ser. No. and filing date, when
	known;	
	was filed on and was give	en Application Ser. No;
	is filed concurrently herewith;	
M	icrosoft Corporation, a Washingtor	Corporation, on behalf of itself and its
successors a	and assigns ("ASSIGNEE"), is entitle	d to, and is desirous of acquiring, the entire
and exclusiv	\prime e rights, title and interest in the l $^{ m h}$	NVENTION and the APPLICATION (and all other
applications	and patents derived therefrom, su	uch as continuing applications, in and for the
United State	s, its territories, and all foreign co	untries ("APPLICATION DERIVATIVES"));
Fo	or good and valuable consideratior	n, the receipt of which is hereby acknowledged
by the ASSIC	GNOR, the ASSIGNOR hereby sells,	assigns and transfers to the ASSIGNEE, the
entire and e	xclusive rights, title and interest in	n the INVENTION and the APPLICATION (and
	n derivatives);	
A	SSIGNOR agrees to execute all inst	ruments and documents required for the
making and	prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation
		d for the purpose of protecting and perfecting
title to the	APPLICATION (and APPLICATION D	ERIVATIVES).
8/22	12007	Modelay
Date		Vladimir Sadovsky
	And the second s	Robin Alexander
Date		RODIII Alexandei
		Frank Shu
Date		Halla Situ
Date		Nathan Obr

Page 1 of 1

MS Docket No. 318753.02

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STOKAGE	DEVICES (AFFLICATION), WHIC	If.
Mi successors a and exclusiv applications United State Fo by the ASSIC entire and e APPLICATION AS making and regarding le	authorizes and requests, ASSIGN Corporate Affairs Department, Note Redmond, Washington 98052, who 69316, to insert here in parenth on one of the APPLICATION's was filed on and was given is filed concurrently herewith; it is it is concurrently herewith; it is filed concurrently herewith; it is entitled and patents derived therefrom, so, its territories, and all foreign concurrently herewith; its filed consideration of the ASSIGNOR hereby sells, it is and interest in the I is it is it is in the I is in the I is it is in the I is in the I is it is in the I is in the I is it is in the I is in	on Corporation, on behalf of itself and its ed to, and is desirous of acquiring, the entire NVENTION and the APPLICATION (and all other such as continuing applications, in and for the ountries ("APPLICATION DERIVATIVES")); in, the receipt of which is hereby acknowledged assigns and transfers to the ASSIGNEE, the in the INVENTION and the APPLICATION (and truments and documents required for the (and APPLICATION DERIVATIVES), for litigation and for the purpose of protecting and perfecting
Date 8/2.2	1/07	Vladimir Sadovsky
Date	•	Robin Alexander
Date		Frank Shu
Date		Nathan Obr

PATENT REEL: 019833 FRAME: 0328

PATENT ASSIGNMENT

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("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a
patent application entitled "HINTS MODEL FOR OPTIMIZATION OF STORAGE
DEVICES CONNECTED TO HOST AND WRITE OPTIMIZATION SCHEMA FOR
STORAGE DEVICES" ("APPLICATION"), which:

STORAGE DEVICES" ("API	PLICATION"), which:	
will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby		
authorizes and	requests, ASSIGNEE'S legal representatives, of the Law and	
Corporate Affa	irs Department, Microsoft Corporation, One Microsoft Way,	
Redmond, Was	hington 98052, who are associated with customer number	
69316, to inse	rt here in parenthesis (Application Ser. No. $11/856,167$, filed	
$\underline{^{09/17/2007}}$) this APPLICATION's Application Ser. No. and filing date, when		
known;		
\square was filed on $_$	and was given Application Ser. No;	
is filed concurr	ently herewith;	
Microsoft Corpora	tion, a Washington Corporation, on behalf of itself and its	
successors and assigns ("AS	SIGNEE"), is entitled to, and is desirous of acquiring, the entire	
and exclusive rights, title an	d interest in the INVENTION and the APPLICATION (and all other	
applications and patents dei	rived therefrom, such as continuing applications, in and for the	
United States, its territories,	and all foreign countries ("APPLICATION DERIVATIVES"));	
For good and valu	able consideration, the receipt of which is hereby acknowledged	
by the ASSIGNOR, the ASSIG	NOR hereby sells, assigns and transfers to the ASSIGNEE, the	
entire and exclusive rights, t	title and interest in the INVENTION and the APPLICATION (and	
APPLICATION DERIVATIVES);		
ASSIGNOR agrees	to execute all instruments and documents required for the	
making and prosecution of t	the APPLICATION (and APPLICATION DERIVATIVES), for litigation	
regarding letters patent deri	ved therefrom, and for the purpose of protecting and perfecting	
title to the APPLICATION (an	d APPLICATION DERIVATIVES).	
		
Date	Vladimir Sadovsky	
		
Date	Robin Alexander	
0/23/27		
- 1 1 mm	- Complete Complete State of the state of th	
Date * /	Frank Shu	
	rg.	
Date	Nathan Obr	
	Hatilali Obi	

Page 1 of 1

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REEL: 019833 FRAME: 0329

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	known;	
		en Application Ser. No;
Ll Mi	is filed concurrently herewith;	Corporation on behalf of itself and its
		Corporation, on behalf of itself and its d to, and is desirous of acquiring, the entire
	_	IVENTION and the APPLICATION (and all other
	_	ich as continuing applications, in and for the
•		untries ("APPLICATION DERIVATIVES"));
Fo	r good and valuable consideration	, the receipt of which is hereby acknowledged
•	•	assigns and transfers to the ASSIGNEE, the
		the INVENTION and the APPLICATION (and
	I DERIVATIVES);	and the second description of the second sec
	_	ruments and documents required for the and APPLICATION DERIVATIVES), for litigation
_	·	d for the purpose of protecting and perfecting
	PPLICATION (and APPLICATION DE	
title to the A	TECATION (and ATTECATION DE	
Date		Vladimir Sadovsky
Date		Robin Alexander
Date		Frank Shu /
Δ	21 1 00	
AUG	14th 07	/ Vathers 1
Date (Nathan Obr
J		

Page 1 of 1

PATENT REEL: 019833 FRAME: 0330