Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hanumant Kumar Yadav	04/03/2007
William J. Westerinen	04/03/2007
Todd L. Carpenter	04/03/2007
Stephen Richard Drake	04/06/2007

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:	11696848	

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ATTORNEY DOCKET NUMBER:	30835/319481
NAME OF SUBMITTER:	William J. Kramer

PATENT REEL: 019556 FRAME: 0356

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> PATENT REEL: 019556 FRAME: 0357

MS Docket No. 319481.01 (OC Docket No. 30835/319481)

PATENT ASSIGNMENT

We, Hanumant Kumar Yadav, Willi	iam J. Westerinen, Todd L. Carpenter, Stephen
Richard Drake ("ASSIGNOR"), have invented subje-	ect matter ("INVENTION") disclosed and/or
claimed in a patent application entitled "Impleme	enting Limited Function Mode in a Display
Device" ("APPLICATION"), which:	
will be filed without this exec	uted PATENT ASSIGNMENT. ASSIGNOR hereby
authorizes, and requests, AS	SIGNEE'S legal representatives, of Marshall,
•	e associated with customer number 45373, to
insert here in parenthesis (U.	
) this APPLICATION's U.S. Serial Number and
filing date, when known;	_
	. Serial Number and filing date, when known;
	id was given U.S. Serial No;
is filed concurrently herewith	
··	ton Corporation, on behalf of itself and its
successors and assigns ("ASSIGNEE"), is entitled t	
exclusive rights, title and interest in the INVENTI	, -
applications and patents derived therefrom, such	
United States, its territories, and all foreign coun	
For good and valuable considerati	
acknowledged by the ASSIGNOR, the ASSIGNOR h	•
ASSIGNEE, the entire and exclusive rights, title ar	-
APPLICATION (and APPLICATION DERIVATIVES);	in more and many many many and the
	struments and documents required for the
making and prosecution of the APPLICATION (and	•
regarding letters patent derived therefrom, and f	
title to the APPLICATION (and APPLICATION DERIV	
	14 1/
4/3/2007	Man une Xnn
DATE	Hanumant Kumar Yadav
	January Kurnar Paday
8/3/67	
DATE	William L/Westerinen /
	ATT 1
4/3/07	life laperte
DATE	Todd L. Carpenter

DATE	Stephen Richard Drake

PATENT REEL: 019556 FRAME: 0358

MS Docket No. 319481.01 (OC Docket No. 30835/319481)

PAT	ENT ASSIGNMENT
We. Hanumant Kumar Yadi	av, William J. Westerinen, Todd L. Carpenter, Stephen
Bichard Drake ("ASSIGNOR"), have invente	ed subject matter ("INVENTION") disclosed and/or
claimed in a patent application entitled "I	mplementing Limited Function Mode in a Display
Device" ("APPLICATION"), which:	
Device (APPLICATION), which	nis executed PATENT ASSIGNMENT. ASSIGNOR hereby
authorizes and reque	ests, ASSIGNEE'S legal representatives, of Marshall,
Corctain & Rorum II P	who are associated with customer number 45373, to
	esis (U.S. Serial No. 11/696,848
filed ADDIT 5 200	o7) this APPLICATION's U.S. Serial Number and
filing date, when know	
	on's U.S. Serial Number and filing date, when known;
	and was given U.S. Serial No.
is filed concurrently h	Vashington Corporation, on behalf of itself and its
successors and assigns (ASSIGNEE), is e	entitled to, and is desirous of acquiring, the entire and
exclusive rights, title and interest in the	INVENTION and the APPLICATION (and all other
applications and patents derived therefore	om, such as continuing applications, in and for the
United States, its territories, and all forei	gn countries ("APPLICATION DERIVATIVES"));
	nsideration, the receipt of which is hereby
	IGNOR hereby sells, assigns and transfers to the
	s, title and interest in the INVENTION and the
APPLICATION (and APPLICATION DERIVATION)	TIVES);
ASSIGNOR agrees to execu	ute all instruments and documents required for the
making and prosecution of the APPLICAT	TION (and APPLICATION DERIVATIVES), for litigation
	m, and for the purpose of protecting and perfecting
title to the APPLICATION (and APPLICATION	ON DERIVATIVES).
	A STATE OF THE STA
DATE	Hanumant Kumar Yadav
DATE	William J. Westerinen
- Control of the Cont	
DATE	Todd L. Carpenter
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april 6,2007	Juph-K/dake
DATÉ	Stephen Richard Drake

PATENT REEL: 019556 FRAME: 0359

RECORDED: 07/13/2007