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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Vasco Rubio	05/08/2008
Eric Filer	05/08/2008
Loren Douglas Reas	05/08/2008
Dennis W Tom	05/08/2008

RECEIVING PARTY DATA

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Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12121240

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ATTORNEY DOCKET NUMBER: 323285.01

NAME OF SUBMITTER:

A.Swaminathan

Total Attachments: 2

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PATENT REEL: 020953 FRAME: 0723

PATENT ASSIGNMENT

("ASSIGNOR"), h a patent ap	ave invented subject matte	oren Douglas Reas, and Dennis W. Ton er ("INVENTION") disclosed and/or claimed in URE-RELATED FEEDBACK IN ELETRONIO), which:
_	hereby authorizes, and rec the Law and Corporate Affa Microsoft Way, Redmond, V customer number 69316, to 12/121,240, filed 05/15/2008 filing date, when known;	executed PATENT ASSIGNMENT. ASSIGNOR equests, ASSIGNEE'S legal representatives, of airs Department, Microsoft Corporation, One Washington 98052, who are associated with to insert here in parenthesis (Application No. 28) this APPLICATION's Application No. and and was given Application No; with;
successors and entire and excle (and all other applications, in "APPLICATION" For good acknowledged If the ASSIGNEE, to the APPLICATION ASSIGNO making and prolitigation regards	assigns ("ASSIGNEE"), is enusive rights, title and interest applications and patents and for the United States DERIVATIVES")); dand valuable considered the entire and exclusive right (and APPLICATION DERIVAR agrees to execute all instances to be applicated the entire patent derived the entire and exclusive right (and APPLICATION DERIVAR).	con Corporation, on behalf of itself and itsentitled to, and is desirous of acquiring, the rest in the INVENTION and the APPLICATION is derived therefrom, such as continuing its, its territories, and all foreign countries aration, the receipt of which is hereby GNOR hereby sells, assigns and transfers to this, title and interest in the INVENTION and ATIVES); is struments and documents required for the ATION (and APPLICATION DERIVATIVES), for therefrom, and for the purpose of protecting and APPLICATION DERIVATIVES).
<u> </u>	Berry Simus S	<u> </u>
Inventor's Sig	nature	Date
VA	sco Rubio	

Page 1 of 2

Vasco Rubio

Printed Name in Native Language (if

MS Docket No.: <u>323285.01</u>

	other than English)
Eur haler	5/8/08
Inventor's Signature	Date
Eric Filer	
Eric Filer	Printed Name in Native Language (if other than English)
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Low D. Reas	5-8-08
Inventor's Signature	Date
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Loren Douglas Reas	Printed Name in Native Language (if
	other than English)
Danie D. T.	05/08/2008
Inventor's Signature	Date
Dennis W. Tom	<u> </u>
Dennis W. Tom	

other than English)