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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Asta J. Roseway	12/17/2012
Felecia A. Davis	12/15/2012
Erin A. Carroll	12/19/2012
Mary Czerwinski	12/15/2012
Diana L. Maclean	12/19/2012

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:	13732323

CORRESPONDENCE DATA

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

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Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept
Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 337624.01

NAME OF SUBMITTER: Gopal Sharma

PATENT

REEL: 029551 FRAME: 0539

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Total Attachments: 10 source=337624-01-Executed-Assignment#page1.tif source=337624-01-Executed-Assignment#page2.tif source=337624-01-Executed-Assignment#page3.tif source=337624-01-Executed-Assignment#page4.tif source=337624-01-Executed-Assignment#page5.tif source=337624-01-Executed-Assignment#page6.tif source=337624-01-Executed-Assignment#page7.tif source=337624-01-Executed-Assignment#page8.tif source=337624-01-Executed-Assignment#page9.tif source=337624-01-Executed-Assignment#page9.tif

PATENT REEL: 029551 FRAME: 0540

PATENT ASSIGNMENT MS Docket No.: 337624.01

l <u>Asta J. Roseway</u> ("ASS	IGNOR") am the original	inventor or an original join
inventor of subject matter ("INVENTION") disclosed	and/or claimed in a paten
application entitled "MOOD-AC	TUATED DEVICE" ("APPLICA	ATION"), which:
oxtimes will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representatives, of the Lav	w and Corporate Affairs
Department, Micr	osoft Corporation, One Mi	crosoft Way, Redmond,
	2 (ASSIGNEE'S LEGAL REPR	
here in parenth	eses (filed on31-DEC	-2012 and given
Application No.	0	by the following
Office US Pa	tent and Trademark Office) this APPLICATION's
Application No., f	iling date, and Office, whe	n known;
was filed on	and was given	Application
	by the following Office	
a:		
Microsoft Corporation,	a Washington Corporation	n, on behalf of itself and it
successors and assigns ("ASSIG	· · · · · · · · · · · · · · · · · · ·	
entire and exclusive rights, tit		t e e
(and all other applications		
applications, in and for the U		
("APPLICATION DERIVATIVES"));		
ASSIGNOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGA
REPRESENTATIVES to insert t	he Application No., filin	g date, and Office into the
following table for any APPLICA	TION DERIVATIVES after th	ney are known;
Application No.	Filing Date	Office

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, 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 the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature	12·17·12 Date
Asta J. Roseway	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 337624.01

	FAILMIA	ASSIGNMENT	MIS DOCKET NO <u>337024.01</u>
inventor of si	ubject matter ('	·-	inventor or an original joint and/or claimed in a patent ATION"), which:
A D W h	SSIGNEE'S legal repartment, Micro (ashington 9805) ere in parentho pplication No	ASSIGNOR hereby authoriepresentatives, of the Lavosoft Corporation, One Mic (ASSIGNEE'S LEGAL REPR eses (filed on	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given by the following this APPLICATION's
	0	and was given a by the following Office ";	
successors and entire and exc (and all other applications, in	d assigns ("ASSIC lusive rights, titl r applications a	NEE"), is entitled to, and e and interest in the INVI and patents derived the	n, on behalf of itself and its is desirous of acquiring, the ENTION and the APPLICATION refrom, such as continuing es, and all foreign countries
	VES to insert th	authorizes, and require Application No., filing TION DERIVATIVES after the	g date, and Office into the
Application No		Filing Date	Office
<u>, , , , , , , , , , , , , , , , , , , </u>			
			M

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, 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 the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Film and Inventor's Signature	12.15.2012 Date
Felecia A. Davis	FELECIA A.DAVIS
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>337624.01</u>

PATENT ASSIGNMENT MS Docket No.: 337624.01

inventor of	subject matter (7.	inventor or an original joint and/or claimed in a patent ATION"), which:
	ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mice (ASSIGNEE'S LEGAL REPROBLES (Filed on 13/732323 and and Trademark Office).	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given by the following this APPLICATION's
	No	and was given by the following Office ";	
successors a entire and ex (and all oth applications,	nd assigns ("ASSIO xclusive rights, tit ner applications	GNEE"), is entitled to, and le and interest in the INV and patents derived the	n, on behalf of itself and its is desirous of acquiring, the ENTION and the APPLICATION erefrom, such as continuing es, and all foreign countries
			uests, ASSIGNEE'S LEGAL g date, and Office into the
following table for any APPLICATION DERIVATIVES after they are known;			
Application N	lo.	Filing Date	Office

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, 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 the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature	<i>12/19/2012</i> Date
Erin A. Carroll	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 337624.01

PATENT ASSIGNMENT MS Docket No.: 337624.01

I <u>Mary Czerwinski</u> ("ASS inventor of subject matter (application entitled " <u>MOOD-AC</u>	"INVENTION") disclosed	•
ASSIGNEE'S legal of Department, Micro Washington 9805 here in parenth Application No Office	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mice (ASSIGNEE'S LEGAL REPRESES (filed on 13/732323 on 13/73232 on 13/7322 on 13/722 on 13/72	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given by the following this APPLICATION's
	and was given by the following Office ";	
Microsoft Corporation, successors and assigns ("ASSIC entire and exclusive rights, title (and all other applications a applications, in and for the U ("APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and e and interest in the INV and patents derived the	ENTION and the APPLICATION refrom, such as continuing
REPRESENTATIVES to insert the	ne Application No., filin	- ,
following table for any APPLICA	TION DERIVATIVES after th	iey are known;
Application No.	Filing Date	Office

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, 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 the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Mary Commel	12/15/2012
Inventor's Signature	Date
Mary Czerwinski	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>337624.01</u>

I <u>Diana L. Maclean</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " <u>MOOD-ACTUATED DEVICE</u> " ("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 31-DEC-2012 and given Application No. 13/732323 by the following Office, US Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;
was filed on and was given Application No by the following Office "";
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 all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION

DERIVATIVES after they are known;
Application No. Filing Date Office

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, 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 the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature D. Marfer	Date 12/19/12
Diana L. Maclean	
Printed Name in English	Printed Name in Native Language (if other than English)

Page 2 of 2

PATENT REEL: 029551 FRAME: 0550