Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Per-Ake Larson	05/07/2013
Robert Patrick Fitzgerald	05/10/2013
Cristian Diaconu	05/10/2013
Michael James Zwilling	05/09/2013

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:	13892150

CORRESPONDENCE DATA

Fax Number: 8013281707

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ATTORNEY DOCKET NUMBER:	13768.2322		
NAME OF SUBMITTER:	Adrian J. Lee		
Signature:	/Adrian J. Lee, Reg.# 42785/	PATENT	

502344160 REEL: 030398 FRAME: 0193

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Date:	05/10/2013
Total Attachments: 8 source=13768.2322_Assignment#page1.tif source=13768.2322_Assignment#page2.tif source=13768.2322_Assignment#page3.tif source=13768.2322_Assignment#page4.tif source=13768.2322_Assignment#page5.tif source=13768.2322_Assignment#page6.tif source=13768.2322_Assignment#page7.tif source=13768.2322_Assignment#page8.tif	

PATENT REEL: 030398 FRAME: 0194

		WN Docket No.: 13768.2322
inventor of subject matter (application entitled "RECOVER" ("APPLICATION"), which:	"INVENTION") disclosed i PROCESSING FOR DATA	BASE IN PERSISTENT SYSTEM
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No. <u>1</u> States Patent	ASSIGNOR hereby auth representatives, of the Lavosoft Corporation, One Mig (ASSIGNEE'S LEGAL REPRESES (filed on May 103/892150 by the followand Trademark Office) illing date, and Office, whe	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert), 2013 and given wing Office <u>US - United</u> this APPLICATION's
	and was given by the following Office ";	
Microsoft Corporation, successors and assigns ("ASSIG entire and exclusive rights, tit (and all other applications applications, in and for the U("APPLICATION DERIVATIVES"));	ONEE"), is entitled to, and le and interest in the INVI and patents derived the	ENTION and the APPLICATION refrom, such as continuing
ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	he Application No., filing	-
Application No.	Filing Date	Office
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MS Docket No.: 339276.01

Page 1 of 2

MS Docket No.: 339276.01 WN Docket No.: 13768.2322

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

Date

Per-Ake Larson

Printed Name in English

Printed Name in Native Language

(if other than English)

PATENT ASSIGNMENT MS Docket No.: 339276.01 WN Docket Nr.: 13768 2322 I Robert Patrick Fitzgerald ("ASSIGNOR") am the original invertor or an original joint inventor of subject matter ("INVINTION") disclosed and/or claimed in a patent application entitled "RECOVERY PROCESSING FOR DATABASE IN PERSISTENT SYSTEM" ("APPLICATION"), which: W will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal represen atives, 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 May 10, 2013 and given Application No. 13/892150 by the following Office US - United States 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 incirest in the INVENTION and the APPLICATION (and all other applications and pater is 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 DERLYATIVES after they are known; Application No. Filling Date Office

Page 1 of 2

MS Docket No.: 339276.01 WN Docket No : 13768.2322

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the AISIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and AIPLICATION DERIVATIVES):

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Clt Ltt Titquell Inventor's Signature	10 Mog 2013 Date
Robert Patrick Fitzgerald	
Printed Name in English	Printed Name in Native Language (if other than English)
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MS Docket No.: 339276.01 WN Docket No.: 13768.2322

I <u>Cristian Diaconu</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>RECOVERY PROCESSING FOR DATABASE IN PERSISTENT SYSTEM</u>" ("APPLICATION"), which:

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u	".

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"));

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Application No.	Filing Date	Office

MS Docket No.: 339276.01 WN Docket No.: 13768.2322

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Inventor's Signature	5/10/13 Date		
Cristian Diaconu Printed Name in English	Printed Name in Native Language		

MS Docket No.: 339276.01 WN Docket No.: 13768.2322

I <u>Michael James Zwilling</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>RECOVERY PROCESSING FOR DATABASE IN PERSISTENT SYSTEM</u>" ("APPLICATION"), which:

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Page 1 of 2

MS Docket No.: 339276.01 WN Docket No.: 13768.2322

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Michael Bullin	5/9/2013
Inventor's Signature	Date
Michael James Zwilling	
Printed Name in English	Printed Name in Native Language
	(if other than English)