### 503231434 03/23/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Version v1.1 EPAS ID: PAT3278052

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
STEPHEN LIN	11/21/2007
BAINING GUO	11/15/2007
CHANGYIN ZHOU	11/29/2007

#### **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:	14588070

#### **CORRESPONDENCE DATA**

Fax Number:

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COLLINS & COLLINS INTELLECTUAL, LLC

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ATTORNEY DOCKET NUMBER:	320993.05
NAME OF SUBMITTER:	NOEMI TOVAR
SIGNATURE:	/NOEMI TOVAR/
DATE SIGNED:	03/23/2015

**Total Attachments: 3** 

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PATENT 503231434 REEL: 035234 FRAME: 0412

invented subje	ct matter ("INVENTION") disclos itled "REMOVAL OF IMAGE ART "), which:	TIFACTS FROM SENSOR DUST"
	ASSIGNOR hereby authorizes, representatives, of the Law an Microsoft Corporation, One M Washington 98052, who are a 22971, to insert here in paren, filed	ssociated with customer number ithesis (Application No. this APPLICATION's Application wn;
12		and was given Application No.
<b>=</b>	60/942,431; is filed concurrently herev	with:
its successors acquiring, the and the APPLIC such as contin all foreign cou For goo acknowledged transfers to the INVENTION ASSIGNOTHE making an DERIVATIVES),	and assigns ("ASSIGNEE"), is entire and exclusive rights, title CATION (and all other application uing applications, in and for the ntries ("APPLICATION DERIVATIVE and valuable consideration, to by the ASSIGNOR, the ASSIGNOR ASSIGNEE, the entire and exclusional and the APPLICATION (and APICATION (and APICATION) approached to execute all instruments of the APPLICATION for litigation regarding letters of the protecting and perfecting titles.	e and interest in the INVENTION ons and patents derived therefrom, e United States, its territories, and VES")); he receipt of which is hereby OR hereby sells, assigns and lusive rights, title and interest in PLICATION DERIVATIVES); ments and documents required for ON (and APPLICATION patent derived therefrom, and for
11/21/200	7	Stephen Lin
Date		Stephen Lin
Date		Baining Guo
Date Date		Changyin Zhou

## PATENT ASSIGNMENT

MS Docket No.: 320993.01 I/WE, Stephen Lin, Baining Guo, and Changyin Zhou ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "REMOVAL OF IMAGE ARTIFACTS FROM SENSOR DUST" ("APPLICATION"), which: ☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 22971, to insert here in parenthesis (Application No. \_\_\_, filed \_\_\_\_\_) this APPLICATION's Application No. and filing date, when known;  $oxed{oxed}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}$ ☐ is filed concurrently herewith; 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")); 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, the 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).

Date	Stephen Lin
2007/11/15 Date	Baining Guo
Date	Changyin Zhou

Page 1 of 1

# PATENT ASSIGNMENT

I/WE, St	tephen lin, Baining Guo, and C	Changyin Zhou ("ASSIGNOR"), have invented	
subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled			
"REMOVAL OF IMAGE ARTIFACTS FROM SENSOR DUST" ("APPLICATION"), which:			
	☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR		
		ests, ASSIGNEE'S legal representatives, of	
	7 m	rs Department, Microsoft Corporation, One	
		ashington 98052, who are associated with	
	customer number 22971, to	insert here in parenthesis (Application No.	
	, filed)	this APPLICATION's Application No. and	
	filing,date, when known;		
×	was filed on 06/06/2007 ar	nd was given Application No. 60/942,431;	
	is filled concurrently herewith		
Microsoft Corporation, a Washington Corporation, on behalf of itself and its			
successors and	d assigns ("ASSIGNEE"), is entit	led to, and is desirous of acquiring, the	
entire and exc	lusive rights, title and interest	in the INVENTION and the APPLICATION	
		ed therefrom, such as continuing	
	المراقية الم	territories, and all foreign countries	
	I DERIVATIVES"));		
	d and valuable consideration,		
_		OR hereby sells, assigns and transfers to	
the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and			
	ON (and APPLICATION DERIVAT		
		ments and documents required for the	
making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for			
	' The Alvar	erefrom, and for the purpose of protecting	
and perfecting	title to the APPLICATION (and	APPLICATION DERIVATIVES).	
	The Contract of the Contract o		
	*		
Date	, s & 1	Stephen Lin	
<del></del>		Balala - Cua	
Date		Baining Guo	
2007- N	<u> </u>	Changysh Zhou	
Date		Changyin Zhou	

Page 1 of 1

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**REEL: 035234 FRAME: 0415** 

MS Docket No.: 320993.01

**RECORDED: 03/23/2015**