503747804 03/22/2016

EPAS ID: PAT3794449

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS W. HOLCOMB	03/18/2016
SHYAM SADHWANI	03/18/2016
SRINATH REDDY	03/18/2016

RECEIVING PARTY DATA

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Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15074902

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 3382-96301-01

NAME OF SUBMITTER: KYLE B. RINEHART

SIGNATURE: /Kyle B. Rinehart/

DATE SIGNED: 03/22/2016

Total Attachments: 6

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PATENT 503747804 REEL: 038062 FRAME: 0657

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> PATENT REEL: 038062 FRAME: 0658

PATENT ASSIGNMENT

I, Thomas W. Holco Inventor of subject matter	mb ("ASSIGNOR"), am the ("INVENTION") disclosed :		· · · · · · · · · · · · · · · · · · ·
application entitled "OPPO ENCODING" ("APPLICATION	RTUNISTIC FRAME DROPP		
⊠ will be file legal repre Microsoft REPRESEN and given	d. ASSIGNOR hereby auth sentatives, of Microsoft T Way, Redmond, Washingto FATIVES) to insert here in Application No. 15/074,90 c Office) this APPLICATION	echnology Licensing, Lon 98052 (ASSIGNEE'S Longer parentheses (filed on 2 by the United States	LC, One EGAL 03/18/2016 s Patent and
	on and was given		by
behalf of itself and its such desirous of acquiring, the right of priority, in the INV patents derived therefrom for the United States, its to DERIVATIVES"));	entire and exclusive right ENTION and the APPLICA , such as continuing appli	IGNEE"), is entitled to, a s, title and interest, inc FION (and all other app cations, in whole or in	ind is luding the lications and part,in and
ASSIGNOR hereby a to insert the Application N APPLICATION DERIVATIVES			
Application No.	Filling 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries (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).

3-18-16
Date
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

inventor of subject r	wani ("ASSIGNOR"), am the or natter ("INVENTION") disclose 'OPPORTUNISTIC FRAME DROI ATION"), which:	d and/or claimed in a pate	!nt
lega Micr REPF and Trad	pe filed. ASSIGNOR hereby audinepresentatives, of Microsoft osoft Way, Redmond, Washing (ESENTATIVES) to insert here in a given Application No. 15/074, emark Office) this APPLICATION, when known;	t Technology Licensing, LL gton 98052 (ASSIGNEE'S LE in parentheses (filed on 0000	C, One EGAL 3/18/2016, Patent and
	filed on and was g Inited States Patent and Trade		by
behalf of itself and it desirous of acquiring right of priority, in the patents derived there	hnology Licensing, LLC, a Wass successors and assigns ("Assigns ("Assigns ("Assigns ("Assigns end exclusive rigne invention and the APPLIC efrom, such as continuing appoints territories, and all foreign	SSIGNEE"), is entitled to, ar hts, title and interest, incli ATION (and all other appli plications, in whole or in p	nd is uding the cations and art,in and
to insert the Applicat	eby authorizes, and requests tion No., filing date, and Offic NTIVES 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

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| March 18th 2016
| Inventor's Signature | Date
| Shyam Sadhwani | フルド 21ビュンダー
| Printed Name in English | Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Srinath Reddy ("ASSIGNO inventor of subject matter ("INVE application entitled "OPPORTUNI ENCODING" ("APPLICATION"), wh	STIC FRAME DROPPING FO	claimed in a patent
legal representa Microsoft Way, F REPRESENTATIVI and given Applic	tives, of Microsoft Technologied Redmond, Washington 980 ES) to insert here in parent Cation No. 15/074,902 by Te) this APPLICATION's App	5, 5, ,
	and was given App s Patent and Trademark O	
Microsoft Technology Lice behalf of itself and its successor desirous of acquiring, the entire right of priority, in the INVENTIC patents derived therefrom, such for the United States, its territor DERIVATIVES"));	and assigns ("ASSIGNEE" and exclusive rights, title ON and the APPLICATION (a as continuing applications	and interest, including the and all other applications and s, in whole or in part,in and
ASSIGNOR hereby authori to insert the Application No., fili APPLICATION DERIVATIVES after	ng date, and Office into th	EE'S LEGAL REPRESENTATIVES e following table for any
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

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18.22 /d/	3/13/2016	
Inventor's Signature	Date	
Srinath Reddy		
Printed Name in English	Printed Name in Native Language (if other than English)	