# 504103164 11/18/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4149833

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DOUGLAS ALEXANDER HARPER ORR	11/10/2016
JUHA ISO-SIPILÄ	11/10/2016
MARCO FISCATO	11/10/2016
MATTHEW JAMES WILLSON	11/15/2016
JOSEPH OSBORNE	11/10/2016

#### **RECEIVING PARTY DATA**

Name:	MICROSOFT LICENSING TECHNOLOGY, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15355685

#### **CORRESPONDENCE DATA**

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: BAKER & HOSTETLER LLP (MICROSOFT CORPORA

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Address Line 2: 2929 ARCH STREET

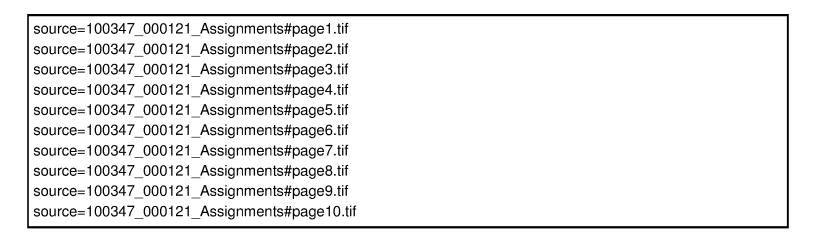
Address Line 4: PHILADELPHIA, PENNSYLVANIA 19104-2891

ATTORNEY DOCKET NUMBER:	400496-US-NP/100347.0121
NAME OF SUBMITTER:	CHRISTINE M. BATES
SIGNATURE:	/Christine M. Bates/
DATE SIGNED:	11/18/2016
	•

**Total Attachments: 10** 

PATENT REEL: 040369 FRAME: 0647

504103164



PATENT REEL: 040369 FRAME: 0648

I <u>Douglas Alexander Harper ORR</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>DATA INPUT SYSTEM USING TRAINED KEYPRESS ENCODER</u>" ("APPLICATION"), which:

MS Docket No.: 400496-US-NP

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	ASSIGNEE'S leg	gal represe	entative,	Microsoft	Technolog	y Licensing.
	LLC., One	Microsoft	Way,	Redmond,	Washing	ton 98052
	(ASSIGNEE'S	LEGAL R	EPRESEN	TATIVES),	to inser	t here ir
	parentheses (	filed on $\underline{N}$	lovemb	er 18, 2016	and given	Application
	No. 15/	/355,685		by	the	following
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Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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 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:

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Longles Or	10/11/2016
Inventor's Signature	Date
Douglas Alexander Harper ORR	
Printed Name in English	Printed Name in Native Language
	(If other than English)

MS Docket No.: 400496-US-NP

I Juha ISO-SIPILA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DATA INPUT SYSTEM USING TRAINED KEYPRESS ENCODER" ("APPLICATION"), which:

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	LLC., One	Microsoft Wa	y, Redmond,	Washingto	on 98052
	(ASSIGNEE'S	LEGAL REPRE	SENTATIVES),	to insert	here in
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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).

10//1/2016

Ipventor's Signature Date

 Juha ISO-SIPILÄ
 JUHA ISO-SIPILA

 Printed Name in English
 Printed Name in Native Language

(If other than English)

MS Docket No.: 400496-US-NP

Marco FISCAT	O ("ASSIGNO	R") am the	e original	inventor c	ır an origin	al joint
inventor of subject	matter ("INV	ENTION")	lisclosed	and/or cla	limed in a	patent
application entitled "	'DATA INPU	SYSTEM	USING TI	RAINED KE	YPRESS EN	CODER"
("APPLICATION"), which	The state of the s					

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	LLC.,	One	Microso	ft Way,	Redmon	i, Was	hingto	on 98	052
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Inventor's Signature	Date
Marco FISCATO	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Matthew James WILLSON</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>DATA INPUT SYSTEM USING TRAINED KEYPRESS ENCODER</u>"

MS Docket No.: 400496-US-NP

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was filed on \_\_\_\_\_\_ and was given Application
No \_\_\_\_\_ by the following Office
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Application No., filing date, and Office, when known;

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MANULEON	15/11/2016
Inventor's Signature	Date
Matthew James WILLSON	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 400496-US-NP

I <u>Joseph OSBORNE</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>DATA INPUT SYSTEM USING TRAINED KEYPRESS ENCODER</u>" ("APPLICATION"), which:

$\boxtimes$	will be filed.	ASSIGNOR	hereby auth	iorizes, ar	nd requests,
	ASSIGNEE'S lega	l representat	ive, Microsofi	Technolog	gy Licensing,
	LLC., One M	crosoft Wa	γ, Redmond	, Washing	ton 98052
	(ASSIGNEE'S LE	GAL REPRE	SENTATIVES),	to inse	rt here in
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