504787191 02/21/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4833923

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN DUSSE	05/08/2014
DOUG EBERT	05/08/2014
DUDLEY GUY KIANG WONG	05/08/2014
BIQING (BECKY) WU	05/27/2014
JON ALBERT HOWELL	05/10/2014
KELLY LANE	08/29/2014

RECEIVING PARTY DATA

Name:	LOGITECH EUROPE, S.A.	
Street Address:	EPFL - QUARTIER DE I'INNOVATION	
Internal Address:	al Address: DANIEL BOREL INNOVATION CENTER	
City:	ity: LAUSANNE	
State/Country: SWITZERLAND		
Postal Code:	1015	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15901418

CORRESPONDENCE DATA

Fax Number: (713)623-4846

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.

Phone: 7136234844

Email: psdocketing@pattersonsheridan.com, kneil@pattersonsheridan.com

Correspondent Name: PATTERSON & SHERIDAN LLP

Address Line 1: 24 GREENWAY PLAZA

Address Line 2: SUITE 1600

Address Line 4: HOUSTON, TEXAS 77046

ATTORNEY DOCKET NUMBER:	LOGI_0008USD01
NAME OF SUBMITTER:	JOSEPH J. STEVENS
SIGNATURE:	/Joseph J. Stevens/
DATE SIGNED:	02/21/2018

504787191 REEL: 044991 FRAME: 0589

Total Attachments: 15 source=LOGI_0008USD01_assignment#page1.tif source=LOGI 0008USD01 assignment#page2.tif source=LOGI_0008USD01_assignment#page3.tif source=LOGI_0008USD01_assignment#page4.tif source=LOGI_0008USD01_assignment#page5.tif source=LOGI_0008USD01_assignment#page6.tif source=LOGI_0008USD01_assignment#page7.tif source=LOGI_0008USD01_assignment#page8.tif source=LOGI 0008USD01 assignment#page9.tif source=LOGI_0008USD01_assignment#page10.tif source=LOGI_0008USD01_assignment#page11.tif source=LOGI 0008USD01 assignment#page12.tif source=LOGI_0008USD01_assignment#page13.tif source=LOGI_0008USD01_assignment#page14.tif source=LOGI_0008USD01_assignment#page15.tif

ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

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Names and Addresses of Inventors:

1)	Stephen DUSSE 238 Hillview Ave Redwood City, CA 94062	2)	Doug EBERT 9367 SW Morrison Street Portland, OR 97225
3)	Dudley Guy Kiang WONG 125 Connemara Way #49 Sunnyvale, CA 94087	4)	Biqing (Becky) WU 18815 SE 22nd. Circle Vancouver, 98683
5)	Jon Albert HOWELL 1928 Cisco Lame Santa Cruz, CA 95062	6)	Kelly FRY 1704B Marshall Court Los Altos, CA 94024

(hereinafter referred to as Assignors), have invented a certain invention entitled:

enclosed herewith or for which application for Letters Patent in the United States was filed on

under Serial No.

METHOD AND APPARATUS FOR CONTROLLING PORTABLE AUDIO DEVICES

: and

WHEREAS, Logitech Europe S.A, located at EPFL - Quartier de l'Innovation, Daniel Borel Innovation Center, 1015 Lausanne, SWITZERLAND (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as
Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and
to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as
Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed;

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- (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. In the event that the filing date and/or Application No. of said Invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of Patterson & Sheridan, LLP, to insert above the filing date and/or Application No. of said application.
 - 6. This declaration is directed to the attached application, or (if following box is checked):

United States application or	POT	international application number
	filed	,

As a below named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me;

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application; and

I acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

IN WITNESS WHEREOF, the said Assignors have executed a	and delivered	tinis instrument ti	O
said Assignee on the dates indicated below.			

1)	8MSY 4 (DATE)	Fil h
2)	MAY 8, 2014 (DATE)	Stepher DUSSE' Coug EBERT
3}	(OATE)	Dudley Guy Kiang WONG
4)	(DATE)	Biging (Becky) WU

5)	(DATE)	Jon Albert HOWELL
6)	(DATE)	Kelly FRY

ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

W	H	Ε:	R	‱	Δ	Ω	2

Names and Addresses of Inventors:

1)	Stephen DUSSE	2)	Doug EBERT
	238 Hillview Ave		9367 SW Morrison Street
	Redwood City, CA 94062		Portland, OR 97225
(3)	Dudley Guy Kiang WONG	4)	Biqing (Becky) WU
	125 Connemara Way #49		18815 SE 22nd. Circle
	Sumnyvale, CA 94087		Vancouver, 98683
5)	Jon Albert HOWELL	6)	Kelly LANE
	1928 Cisco Lane		1704B Marshall Court
	Santa Cruz, CA 95062		Los Altos, CA 94024

(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHOD AND APPARATUS FOR CONTROLLING PORTABLE AUDIO DEVICES

enclosed herewith or for which	napplication for Letters	Patent in the United St	lates was filed on
May 13, 2014	under Serial No.	14/276,985 ; and	
WHEREAS, Logitec	n Europe S.A, locater	i at EPFL - Quartier	de l'Innovation, Danis

WHEREAS, Logitech Europe S.A, located at EPFL - Quartier de l'innovation, Daniel Borel Innovation Center, 1015 Lausanne, SWITZERLAND (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed;

(b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional,
divisional continuing or additional applications covering said Invention; (d) for filing and prosecuting
applications for reissuance of any of said Patents; (e) for interference or other priority proceedings
involving said invention: and (f) for legal proceedings involving said invention and any application
therefore and any Patenta granted thereon, including without limitation opposition proceedings,
cancellation proceedings, priority contests, public use proceedings, infringement actions and court
actions; provided, however, that the expense incurred by said Assignors in providing such cooperation
shall be paid for by said Assignae.

- 3. The term and coverants of this agreement shall inure to the benefit of said Assigned, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. In the event that the filing date and/or Application No. of said invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary. Assignors hereby authorize and request the attorney/agent(s) of Patterson & Sheridan, LLP, to insert above the filing date and/or Application No. of said application.

₿ .	This declaration is directed to the attached application, or (if following box is checked):				
	11	United States application or PCT international application number			
		field du			

As a below named inventor, I hereby declare that:

The above-identified application was made or sutherized to be made by maj

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application; and

I acknowledge that any willful take statement made in this declaration is punished a under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1>	(DATE)	Stephen OUSSE
2)	(DATE)	Cars Ebert
3)	5/8/2014 (DATE)	Dudley Gay Kiang WONG
4)	(DATE)	Siging (Secky) WU

5)	(DATE)	Jon Albert HOWELL
6)	(DATE)	Kelly LANE

ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

MA	3	Ø	C	ð	Ç.,

Names and Addresses of Inventors:

1)	Stephen DUSSE 238 Hillview Ave	2)	Doug EBERT 9367 SW Morrison Street
	Redwood City, CA 94062		Portland, OR 97225
3)	Dudley Guy Kiang WONG	4)	Biqing (Becky) WU
	125 Connemara Way #49		18815 SE 22nd. Circle
	Sunnyvale, CA 94087		Vancouver, 98683
5)	Jon Albert HOWELL	6)	Kelly LANE
	1928 Cisco Lane		1704B Marshall Court
	Santa Cruz, CA 95062		Los Altos, CA 94024

(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHOD AND APPARATUS FOR CONTROLLING PORTABLE AUDIO DEVICES

enclosed herewith or for which	application for Letters	Patent in the	United States	was filed on
May 13, 2014	under Serial No.	14/276,985	and;	

WHEREAS, Logitech Europe S.A, located at EPFL - Quartier de l'Innovation, Daniel Borel Innovation Center, 1015 Lausanne, SWITZERLAND (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

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- (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
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}	United States application	or PCT	international	application	numbe
		filed	φn		

As a below named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me;

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application; and

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IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	(DATE)	Stephen DUSSE
2)	(DATE)	Doug EBERT
3)	(DATE)	Dudley Guy Kiang WONG
4)	05/11/2014 (DATE)	Biging (Becky) WU

5)	(DATE)	Jon Albert HOWELL
6}	(DATE)	Keliy FRY

ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

WHEREAS:

Names and Addresses of Inventors:

1)	Stephen DUSSE 238 Hillview Ave Redwood City, CA 94062	2)	Doug EBERT 9367 SW Morrison Street Portland, OR 97225
3)	Dudley Guy Kiang WONG 125 Connemara Way #49 Sunnyvale, CA 94087	4)	Biqing (Becky) WU 18815 SE 22nd. Circle Vancouver, 98683
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METHOD AND APPARATUS FOR CONTROLLING PORTABLE AUDIO DEVICES

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WHEREAS, Logitech	Europe S.A, loc	ated at EPFL	- Quartier de	i l'Innovation,	Daniel Borel
Innovation Center, 1015 Lausa	nne, SWITZERLA	ND (hereinafte	r referred to a	ıs Assignee),	is desirous of
acquiring the entire right, title	e and interest ir	and to said	application (hereinäfter in	eferred to as
Application), and the invention	disclosed therein	(hereinafter re	ferred to as In	nvention), and	d in and to all
embodiments of the Invention,	heretofore concei	ved, made or d	liscovered by	said Assigno	rs, and in and
to any and all patents, invento	or's certificates ar	nd other forms	of protection	(hereinafter	referred to as
Patents) thereon granted in any				•	

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee;

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(b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignes.

- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
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United States application or	PCT	international application number	}!
***************************************	filed	on	

As a below named inventor, I hereby declare that:

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IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

3}	(DATE)	Stephen DUSSE
2)	(DATE)	Daug EBERT
3}	(DATE)	Dudley Guy Kiang WONG
4)	(DATE)	Biqing (Becky) WU

5)	5-10-2014 (DATE)	Jon Abert HOWELL
		No.

6) (DATE) Kelly FRY

ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

WHEREAS:

Names and Addresses of Inventors:

1)	Stephen DUSSE 238 Hillview Ave Redwood City, CA 94062	2)	Doug EBERT 9367 SW Morrison Street Portland, OR 97225
3)	Dudley Guy Kiang WONG 125 Connemara Way #49 Sunnyvale, CA 94087	4)	Biqing (Becky) WU 18815 SE 22nd. Circle Vancouver, 98683
5)	Jon Albert HOWELL 1928 Cisco Lane Santa Cruz, CA 95062	6)	Kelly LANE 1704B Marshall Court Los Altos, CA 94024

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May 13, 2014	under Serial No.	14/276,985; and		
WHEREAS, Logitech	Europe S.A. locate	d at EPFL - Quartie	r de l'Innovation	Daniel Borel
Innovation Center, 1015 Laus	anne, ŚWITZERLAND) (hereinafter referred	to as Assignee),	is desirous of
acquiring the entire right, til	tle and interest in a	nd to said application	on (hereinafter r	eferred to as
Application), and the invention	n disclosed therein (h	ereinafter referred to	as Invention), an	d in and to all
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3}	(DATE)	Dudley Guy Kiang WONG
4)	(DATE)	Biging (Becky) WU
5)	(DATE)	Jon Alben HOWELL

08/30/2014 SAT 08:2PATENT REEL: 044991 FRAME: 0605