504714381 01/04/2018 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4761103

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE: ASSIGNMENT		ASSIGNMENT	
CONVEYING PARTY DA	ТА		
		Name	Execution Date
HONG-YEUL EOM			10/30/2017
STEPHEN HEMPTON			11/03/2017
TIEN-SHENG HUANG			10/30/2017
HEEGUN KOO			10/30/2017
ROLAND LAMB			11/22/2017
GAETANO LING			10/31/2017
JOHN TREE			11/01/2017
NING XU			10/30/2017
State/Country:	LONDON GREAT BRITAIN E8 4BD		
PROPERTY NUMBERS	fotal: 1		
Property Type		Number	
Application Number:		29561371	
CORRESPONDENCE DA Fax Number: <i>Correspondence will be</i>	((612)332-9801 <i>the e-mail address first; if that is uns</i>	uccessful, it will be sent
using a fax number, if p	rovided	; if that is unsuccessful, it will be sen	
Phone: Email:		6123325300	
Correspondent Name:		crogers@merchantgould.com VERCHANT & GOULD P.C.	

Address Line 1: F.O. BOX 2303 Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	14998.0012FP01
NAME OF SUBMITTER:	FRANK A. DELUCIA
SIGNATURE:	/Frank A. DeLucia/

DATE SIGNED:	01/04/2018	
Total Attachments: 6		
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INSTRUCTIONS	U.S. ASSIGNMENT TO CORPORATION
*	WHEREAS,
Inventor(s) Name, Address, Citizenship	 Hong-Yeul EOM, having an address at Plat G, 5 Dunnage Crescent, Londor SE16 7FJ, Great Britain; Stephen HEMPTON, having an address at 44 Ability Plaza, 1 Arbutus Stres London E8 4DT, Great Britain; Tien-sheng HUANG, having an address at Rockley Court, Plat 53, Rockley Road, London W14 0DB, Great Britain; Heegun KOO, having an address at 368 Flagstaff House, 10 St George What
	London SW8 2LZ, Great Britain; 5. Roland LAMB, having an address at 1 Albion Square, London E8 4ES, Gre
	Britain; 6. Gaetano LING, having an address at 2721 Midtown Court #214, Palo Alto, CA 94303, USA;
	 John TREE, having an address at 33A Somers Road, London E17 6RU, Gro Britain; and
	 Ning XU, having an address at Flat 59, Candy Wharf, 22 Copperfield Road London E3 4RL, Great Britain.
Check the appropriate fill in the requested in	
 select the first of if the application national stage of application and the international application num filing date before the assignment execution; select the second box if the applible be filed without executed assign executed assign executed and the number and fill the U.S. application has application be first the second second and the second second and the second and the second and the number and fill the U.S. application be first the second second and the second second and the second and the second and the second and the second s	a PCT is the national stage application of International Application No. provide
 select the third if the application previously filed provide the seri- and filing date sending the ass execution; or 	t was and Il number efore
 select the fourth box if the appli be filed with th application. 	ation will
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PATENT REEL: 044539 FRAME: 0262

14998.0012FP01

Name of Corporation

State or Country of Incorporation and Address

Each inventor must sign & date Note: No legalization or other

AND WHEREAS, **ROLI Ltd.** (herein called "ASSIGNEE"), a corporation organized under the laws of <u>Great Britain</u>, and having an office and place of business at 2 Glebe Road, London, E& 4BD Great Britain

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREPORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application and all the right(s) to claim priority thereto, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

witness required			
Name: Hong-Yeul EOM	Signature: HIDSLOAZ	Date: 30 OCT 2017	
Name: Stephen HEMPTON	Signature: Shipton Chapton	Date: 3 Nov 2017	
Name: Tien-sheng HUANG	Signature: Two sherry Huary	Date: 30th Oct. 2417	
Name: Heegun KOO	Signature:	Date: 3.0.440 0c+. 2.017-	

Page 2 of 3

PATENT REEL: 044539 FRAME: 0263

జం యాగా కారారు. సంబందం	Signature Da	Date:
Name: Roland LAMB	Man 23	22.111/2007
Name: Gaetano LING	Signature:	Date:
Name: John TREE	Signature	Date:
Name: Ning XU	Signature!	Date: 20-10-20/2

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PATENT REEL: 044539 FRAME: 0264

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INSTRUCTIONS	U.S. ASSIGNMENT TO CORPORATION	
	WHEREAS,	
Inventor(s) Name, Address, Citizenship	 Hong-Yeul EOM, having an address at Flat G, 5 Dunnage Crescent, London SE16 7FJ, Great Britain; Stephen HEMPTON, having an address at 44 Ability Plaza, 1 Arbutus Street, London E8 4DT, Great Britain; Tien-sheng HUANG, having an address at Rockley Court, Flat 53, Rockley Road, London W14 0DB, Great Britain; Heegun KOO, having an address at 368 Flagstaff House, 10 St George Wharf, London SW8 2LZ, Great Britain; Roland LAMB, having an address at 1 Albion Square, London E8 4ES, Great Britain; Gaetano LING, having an address at 2721 Midtown Court #214, Palo Alto, CA 94303, USA; John TREE, having an address at 33A Somers Road, London E17 6RU, Great Britain; and Ning XU, having an address at Flat 59, Candy Wharf, 22 Copperfield Road, London E3 4RL, Great Britain. 	
Check the appropriate box and fill in the requested information:	(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled KEYBOARD INSTRUMENT and which:	
 select the first check box if the application is a national stage of a PCT application and provide the international application number and filing date before sending the assignment for execution; select the second check box if the application will be filed without the executed assignment - once the assignment is executed and the serial number and filing date of the U.S. application are known, provide this information before recordation; 	 is the national stage application of International Application No. 	
 select the third check box if the application was previously filed and provide the serial number and filing date before sending the assignment for execution; or 	\$	
 select the fourth check box if the application will be filed with the application. 	*	
opprivation,	Page 1 of 3 PATENT	A.
	FAICNI	

PATENT

REEL: 044539 FRAME: 0265

4998.0012FP01

Name of Corporation

wishes to acquire the entire right, title and interest in and to said invention State or Country of and patent application and any Letters Patent to be obtained therefor; Incorporation and Address NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application and all the right(s) to claim priority thereto, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns. THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be. THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED. IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below. Each inventor must sign & date Note: No legalization or other witness required Signature: Date: Name: Hong-Yeul EOM Date: Signature: Name: Stephen HEMPTON Signature: Date: Name: Tien-sheng HUANG

AND WHEREAS, ROLI Ltd. (herein called "ASSIGNEE"), a corporation

organized under the laws of Great Britain, and having an office and place of

business at 2 Glebe Road, London, E8 4BD Great Britain

14998.0012FP01		
Name: Heegun KOO	Signature:	Date:
Name: Roland LAMB	Signature:	Date:
Name: Gaetano LING	Signature:	Date: 3/ / 10 / 17
Name: John TREE	Signature:	Date:
Name: Ning XU	Signature:	Date: