### 503507590 10/02/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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YILI XIA	09/13/2015
DAHIR DINI	06/25/2015

### **RECEIVING PARTY DATA**

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State/Country:	UNITED KINGDOM

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14433613

#### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	MATTHEW T. BYRNE
SIGNATURE:	/Matthew T Byrne/
DATE SIGNED:	10/02/2015

# **Total Attachments: 3**

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PATENT 503507590 REEL: 036717 FRAME: 0787

App. No.: PCT/EP2013/070654

Filed: 3 October 2013

#### ASSIGNMENT

WHEREAS, we, the undersigned ("the Assignors"), are the inventors of a certain new and useful invention and discovery entitled "FREQUENCY ESTIMATION" ("the Invention") for which a national stage application was filed with the United States Patent and Trademark Office as U.S. Patent Application Number 14/433,613 from International Application Number PCT/EP2013/070654 filed on October 3, 2013 ("the Application").

WHEREAS, Imperial Innovations Limited, existing under the laws of the United Kingdom, having its principal office at 52 Princes Gate, South Kensington, London SW7 2PG, United Kingdom, which, together with its successors and assigns (collectively the "Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors hereby assign to Assignee all of Assignors' rights, titles, and interests in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications, and/or foreign regional and/or national applications); any application from which the Application claims priority (including provisional applications, non-provisional applications, international applications, foreign regional applications, and/or foreign national applications); or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignors relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignors further agrees that such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

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Filed: 3 October 2013
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this day of (month), \( \frac{2 \infty}{\infty} \) (year). I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.
In among
Danilo Mandic 72 Cavendish Road London SW12 0DG GB
On this 3 day of (month), 2015 (year), Danilo Mandic, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.
Witness Signature: Min Xeary
Witness Signature: Min. Xvary  Printed Name: MIN XING
Residential Address: 120A VENNER ROAD, SLONDON SE 265HR
IN TESTIMONY WHEREOF, I have hereunto set my hand and sent this 13 day of 09 (month), 2015 (year). I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.
Yvi Xia
Yili Xia Flat 2, 54 Grange Park Ealing, London W5 3PR GB
On this 13 day of 9 (month), 2015 (year), Yili Xia, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.
Witness Signature: Yusi Cheng Printed Name: YUSI CHENG
Printed Name: YUSI CHENG
Residential Address: ROOM 402, BLOCK 6, 40 BELJINGDONGLU, NANJING, P.R.CHINA, 21008

App. No.: PCT/EP2013/070654

(00072280-)

PATENT REEL: 036717 FRAME: 0789 App. No.: PCT/EP2013/070634

Filed: 3 October 2013

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this tell day of \_\_\_\_\_ (month). 2013\_\_ (year), I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encombered by any grant, license, or right heretofore given.

Oabir Dini 2 Herbort Road London E17 8DY

OB

On this 365, day of \$1.00 (month), \$205 (year). Dahir Dini, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

Witness Signature: <u>ANNER MCCS</u>

Printed Name: <u>ANNER MCCS</u>

Residential Address: <u>Flay 4 Tyles Sourt, L</u>ONDON, E19 625)

(1989)2380-(

**PATENT** REEL: 036717 FRAME: 0790