504941726 06/01/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

v1.1 EPAS ID: PAT4988472

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| MATTHEW WADE PUCKETT | 05/30/2018 |
| NEIL A. KRUEGER | 05/30/2018 |
| JIANFENG WU | 06/01/2018 |

RECEIVING PARTY DATA

| Name: | HONEYWELL INTERNATIONAL INC., |
|-------------------|-------------------------------|
| Street Address: | 115 TABOR ROAD |
| Internal Address: | PO BOX 377, MAIL STOP: 4D3 |
| City: | MORRIS PLAINS |
| State/Country: | NEW JERSEY |
| Postal Code: | 07950 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15996039 |

CORRESPONDENCE DATA

Fax Number: (952)465-0771

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: 952-465-0770

Email:docketing@fogglaw.comCorrespondent Name:FOGG & POWERS LLC

Address Line 1: 4600 W77TH ST Address Line 2: SUITE 305

Address Line 4: MINNEAPOLIS, MINNESOTA 55435

| ATTORNEY DOCKET NUMBER: | H0064584-5704 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | ETHAN DOLENTZ |
| SIGNATURE: | /Ethan Dolentz/ |
| DATE SIGNED: | 06/01/2018 |

Total Attachments: 6

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PATENT 504941726 REEL: 045965 FRAME: 0717



for which application for patent in the United States:

any of the rights assigned by this Agreement;

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") has invented new and useful improvements in:

RF FREQUENCY SYNTHESIS BASED ON OFFSET OPTICAL FREQUENCY COMBS IN RING RESONATORS

| [X] | has been executed on eve | n date herewith; |
|-------------|--|---|
| [] | was executed on | |
| [] | | and assigned U.S. Application No; |
| api of p | plication for patent (the "App plications for patent througho priority arising from the Appli ptection of Industrial Property | ssigned Property" shall mean (i) the above-identified United States olication"), (ii) all inventions disclosed in the Application, (iii) any and all out the world directed to the subject matter of the Application, (iv) the right cation or from such other applications, under the Paris Convention for the or under relevant laws, treaties, conventions or bilateral and multilateral |
| | | (v) any and all patents throughout the world resulting from the Application patents, and (vi) any and all claims against third parties in connection with |

AND WHEREAS, Honeywell International Inc., a Delaware corporation having a place of business at 115 Tabor Road, PO Box 377, Mail Stop: 4D3, Morris Plains, New Jersey 07950, its successors and assigns (hereinafter individually and collectively referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire right, title, and interest in and to and resulting from said Assigned Property and in general all property rights included therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby irrevocably and unconditionally assign and transfer unto ASSIGNEE ASSIGNOR's entire right, title and interest in and to and resulting from the Assigned Property, and hereby authorizes and requests the Commissioner of Patents to issue said patent to ASSIGNEE for the sole use and benefit of ASSIGNEE; ASSIGNEE hereby accepts such transfer and assignment;

AND ASSIGNOR FURTHERMORE authorizes ASSIGNEE, or anyone it may properly designate, to insert on each page of this instrument (where indicated) the filing date and application number of said Application when known:

AND ASSIGNOR AGREES, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, but at no expense to ASSIGNOR, that ASSIGNOR or ASSIGNOR'S heirs, executors, or administrators will provide all reasonable assistance to obtain, maintain, and assert the fullest measure of legal protection that ASSIGNEE desires to obtain or assert for the Assigned Property, including executing any and all papers desired by ASSIGNEE for the filing and granting of patent rights in the Assigned Property, the perfecting of title in ASSIGNEE, and in enforcing any rights in the Assigned Property.

This instrument is executed by, and shall be binding upon ASSIGNOR, and ASSIGNOR's heirs, executors and administrators, for the uses and purposes above set forth and referred to and shall inure to the benefit of ASSIGNEE or anyone it may properly designate.

If any provision of this assignment is held by any court to be unenforceable, such provision shall be interpreted to accomplish the objectives of the original provision to the fullest extent allowed by law and the remainder of this assignment shall remain in full force and effect.

This assignment shall be construed, governed, interpreted and applied in accordance with the laws of the State of Delaware, United States of America.

EXECUTED on behalf of ASSIGNEE and effective as of the latest date of the ASSIGNOR signature(s) below:

Naomi A. Voegtli
Chief Intellectual Property Counsel
Honeywell International Inc.

EXECUTED as of the date(s) set forth below on behalf of the ASSIGNOR:

Date: 5 - 3 0 - 1 8

Matthew Wade Puckett

Date:

Neil A. Krueger

Date:

Jianfeng WU

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") has invented new and useful improvements in:

RF FREQUENCY SYNTHESIS BASED ON OFFSET OPTICAL FREQUENCY COMBS IN RING RESONATORS

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|---|--|---|--|
| [X] has been executed on even date h | erewith; | | |
| [] was executed on | | | |
| [] was filed on | and assigned U.S. | Application No | <u> </u> |
| AND WHEREAS, the "Assigned application for patent (the "Application applications for patent throughout the woof priority arising from the Application of Protection of Industrial Property or und agreements, in any jurisdiction, (v) any or such other application(s) for patents, any of the rights assigned by this Agree | "), (ii) all inventions disc vorld directed to the subj or from such other applica- ler relevant laws, treaties and all patents througho and (vi) any and all clair | losed in the Application, ect matter of the Applicat ations, under the Paris C s, conventions or bilatera ut the world resulting fror | , (iii) any and all tion, (iv) the right onvention for the il and multilateral m the Application |

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AND ASSIGNOR FURTHERMORE authorizes ASSIGNEE, or anyone it may properly designate, to insert on each page of this instrument (where indicated) the filing date and application number of said Application when known;

AND ASSIGNOR AGREES, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, but at no expense to ASSIGNOR, that ASSIGNOR or ASSIGNOR'S heirs, executors, or administrators will provide all reasonable assistance to obtain, maintain, and assert the fullest measure of legal protection that ASSIGNEE desires to obtain or assert for the Assigned Property, including executing any and all papers desired by ASSIGNEE for the filing and granting of patent rights in the Assigned Property, the perfecting of title in ASSIGNEE, and in enforcing any rights in the Assigned Property.

This instrument is executed by, and shall be binding upon ASSIGNOR, and ASSIGNOR's heirs, executors and administrators, for the uses and purposes above set forth and referred to and shall inure to the benefit of ASSIGNEE or anyone it may properly designate.

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Jianfeng WU

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Chief Intellectual Property Counsel
Honeywell International Inc.

EXECUTED as of the date(s) set forth below on behalf of the ASSIGNOR:

Date:

Matthew Wade Puckett

Date:

Date:

Date:

Date:

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| [X] | has been executed on even date here | with; |
|----------------------------------|---|--|
| [] | was executed on | , |
| [] | was filed on | and assigned U.S. Application No; |
| app app of p Pro agn | lication for patent (the "Application"), (dications for patent throughout the work priority arising from the Application or fro tection of Industrial Property or under re eements, in any jurisdiction, (v) any and | operty" shall mean (i) the above-identified United States (ii) all inventions disclosed in the Application, (iii) any and all directed to the subject matter of the Application, (iv) the right om such other applications, under the Paris Convention for the relevant laws, treaties, conventions or bilateral and multilateral all patents throughout the world resulting from the Application (vi) any and all claims against third parties in connection with |

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Chief Intellectual Property Counsel
Honeywell International Inc.

EXECUTED as of the date(s) set forth below on behalf of the ASSIGNOR:

Date:

Matthew Wade Puckett

Date:

Neil A. Krueger

Date:

PATENT REEL: 045965 FRAME: 0724

Jianfeng WU