504172559 01/11/2017

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date | |
|------------------------|----------------|--|
| SEBASTIEN TIXIER | 01/09/2017 | |
| MICHAEL KON YEW HUGHES | 01/09/2017 | |

RECEIVING PARTY DATA

| Name: | HONEYWELL LIMITED |
|-----------------|-------------------|
| Street Address: | 3333 UNITY DRIVE |
| City: | MISSISSAUGA |
| State/Country: | CANADA |
| Postal Code: | L5L 3S6 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | |
|---------------------|----------|--|--|
| Application Number: | 15403197 | | |

CORRESPONDENCE DATA

Fax Number: (415)731-2509

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: 973-455-3389

Email: patentservices-us@honeywell.com

Correspondent Name: HONEYWELL/CASCIO PATENT SERVCIES

Address Line 1: 115 TABOR ROAD
Address Line 2: P.O. BOX 377

Address Line 4: MORRIS PLAINS, NEW JERSEY 07950

| ATTORNEY DOCKET NUMBER: | H0036624-0108DIV |
|-------------------------|------------------|
| NAME OF SUBMITTER: | CHARLES H JEW |
| SIGNATURE: | /chj/ |
| DATE SIGNED: | 01/11/2017 |

Total Attachments: 2

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PATENT 504172559 REEL: 040939 FRAME: 0573

ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File

H0036624-0108

WHEREAS.

Michael Kon Yew Hughes

(hereinafter "Assignor") have invented certain new and useful improvements in

CALIPER SENSOR AND METHOD USING MID-INFRARED INTERFEROMETRY

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, filed herewith, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell Limited, a corporation organized and existing under the laws of Canada, and having its principal offices at 3333 Unity Drive, Mississauga ON, L5L 3S6, Canada, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of Jan., 2017

Michael Kon Yew Hughes

ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File

H0036624-0108

WHEREAS.

Sebastien Tixier

(hereinafter "Assignor") have invented certain new and useful improvements in

CALIPER SENSOR AND METHOD USING MID-INFRARED INTERFEROMETRY

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, filed herewith, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell Limited, a corporation organized and existing under the laws of Canada, and having its principal offices at 3333 Unity Drive, Mississauga ON, L5L 3S6, Canada, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

| IN TESTIMONY WHEREOF, I have hereunto set my hand this | 2 | _ day of | Jan. | , | 2017 | |
|--|-----------|----------|------|---|------|--|
| | | | | | | |
| Sebastie | en Tixier | | | | | |

PATENT REEL: 040939 FRAME: 0575

RECORDED: 01/11/2017