# 504942250 06/04/2018

# PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:   |                              | NEW ASSIGNMENT   |              |                       |  |
|--|------------------------------|--|--------------|-----------------------|--|
| NATURE OF CONVEYANCE:  |                              | ASSIGNMENT   | ASSIGNMENT   |                       |  |
| CONVEYING PARTY DA   | ΑΤΑ                          |  |              |                       |  |
|  |                              | Name   |              | Execution Date        |  |
| ALFRED DETHIER   |                              |  |              | 11/17/2016            |  |
| STEPHANE WINAND  |                              |  |              | 11/17/2016            |  |
| YVES LECLOUX   |                              |  |              | 11/17/2016            |  |
| RECEIVING PARTY DA   | ТА                           |  |              |                       |  |
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|  |                              |  |              |                       |  |
| PROPERTY NUMBERS   | Total: 1                     |  |              |                       |  |
| Property Type  |                              | Number   |              |                       |  |
|  |                              | 1 5 7 7 7 0 0 5  |              |                       |  |
| Application Number:  |                              | 15777925   |              |                       |  |
|  |                              | 15777925   |              |                       |  |
| CORRESPONDENCE D   |                              |  |              |                       |  |
| CORRESPONDENCE D<br>Fax Number:  | ΑΤΑ                          | (312)616-5700<br>• <b>the e-mail address first; if that</b> i  | s unsucces   | sful, it will be sent |  |
| CORRESPONDENCE D<br>Fax Number:<br><i>Correspondence will be</i><br><i>using a fax number, if p</i>  | ATA<br>e sent to<br>provided | (312)616-5700<br>• <b>the e-mail address first; if that</b><br>• <b>; if that is unsuccessful, it will b</b>   |              |                       |  |
| CORRESPONDENCE D<br>Fax Number:<br><i>Correspondence will be<br/>using a fax number, if p</i><br>Phone:  | ATA<br>e sent to<br>provided | (312)616-5700<br>• <b>the e-mail address first; if that</b><br><b>I; if that is unsuccessful, it will b</b><br>3126165600  |              |                       |  |
| CORRESPONDENCE D<br>Fax Number:<br><i>Correspondence will be<br/>using a fax number, if µ</i><br>Phone:<br>Email:  | ATA<br>e sent to<br>provided | (312)616-5700<br>• <b>the e-mail address first; if that</b><br><b>I; if that is unsuccessful, it will b</b><br>3126165600<br>assignments@leydig.com  |              |                       |  |
| CORRESPONDENCE D<br>Fax Number:<br><i>Correspondence will be<br/>using a fax number, if µ</i><br>Phone:<br>Email:<br>Correspondent Name:   | ATA<br>e sent to<br>provided | (312)616-5700<br>• <b>the e-mail address first; if that i</b><br><b>if that is unsuccessful, it will b</b><br>3126165600<br>assignments@leydig.com<br>LEYDIG, VOIT & MAYER, LTD.   | e sent via U |                       |  |
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| CORRESPONDENCE D<br>Fax Number:<br><i>Correspondence will be<br/>using a fax number, if p</i><br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET NUNAME OF SUBMITTER:  | ATA<br>e sent to<br>provided | (312)616-5700<br><b>the e-mail address first; if that i</b><br><b>if that is unsuccessful, it will b</b><br>3126165600<br>assignments@leydig.com<br>LEYDIG, VOIT & MAYER, LTD.<br>TWO PRUDENTIAL PLAZA, SUIT<br>180 NORTH STETSON AVENUE<br>CHICAGO, ILLINOIS 606016731<br>816280<br>ERIK A. SWANSON   | e sent via U |                       |  |
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| CORRESPONDENCE D<br>Fax Number:<br>Correspondence will be<br>using a fax number, if p<br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET NUNAME OF SUBMITTER:<br>SIGNATURE:<br>DATE SIGNED:                             | ATA<br>e sent to<br>provided | (312)616-5700<br>the e-mail address first; if that is<br>if that is unsuccessful, it will b<br>3126165600<br>assignments@leydig.com<br>LEYDIG, VOIT & MAYER, LTD.<br>TWO PRUDENTIAL PLAZA, SUIT<br>180 NORTH STETSON AVENUE<br>CHICAGO, ILLINOIS 606016731<br>816280<br>ERIK A. SWANSON<br>/Erik A. Swanson/<br>06/04/2018<br>ment#page1.tif | e sent via U |                       |  |

### WORLDWIDE ASSIGNMENT

- 1) The present agreement is made between:
  - 1. DETHIER, Alfred, residing at rue Salm, 18, B-4041 Sprimont (Belgium);
  - 2. WINAND, Stéphane, residing at rue de Renory, 309, B-4031 Angleur (Belgium);
  - 3. LECLOUX, Yves, residing at Voie de l'Ardenne, 23, B-4053 Embourg (Belgium)

hereinafter designated the Undersigned, and

Cockerill Maintenance & Ingénierie S.A.

a corporation organised under the laws of , and having an office and place of business at:

Avenue Greiner 1

B-4100 Seraing

hereinafter designated as the Assignee.

2) Each of the Undersigned hereby declares:

that I believe I am the original inventor or an original joint inventor of a claimed invention in the application, known as:

METHODE ET SYSTEME DE MAINTENANCE POUR RECEPTEUR SOLAIRE,

which was filed on 17 November 2016 as an international application under the Patent Cooperation Treaty and was given serial No. PCT/EP2016/077982 (hereinafter designated as the **Application**) and which designates all the Contracting States bound by the Patent Cooperation Treaty on the date of filing of the Application; and

that I have reviewed and understood the contents of the Application, including the claims.

Page 1 of 3

## PATENT REEL: 045971 FRAME: 0599

#### LPCMII0046PC00

- 3) In consideration of the sum of one U.S. dollar (\$1.00), and other good and valuable considerations paid to each of the Undersigned, the receipt and sufficiency of which are hereby acknowledged, each of the Undersigned agrees to assign, and hereby does assign, transfer and set over to the Assignee and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for any and all countries designated in the Application, including the United States of America, in the invention, and in all applications for patent on the invention, including any application(s) for patent filed in any country based thereon, and including the right to file applications under the provisions of any treaty or convention; and in all grants, such as Letters Patent, certificates, and utility models that may be granted in any and all countries on the invention.
- 4) Each of the Undersigned hereby agrees to 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 to communicate to the Assignee, its successors and representatives all facts known to the undersigned relating to said invention and the history thereof and to testify in all legal proceedings and generally to perform all affirmative acts 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.
- 5) Each Undersigned authorizes and requests each and every issuing authority to issue any and all patents or other grants resulting from said Application to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on the undersigned and the undersigned's heirs, successors, assigns and legal representatives.
- 6) Each Undersigned represents and agrees 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 witness whereof, executed by the Undersigned on the date(s) opposite the Undersigned name(s).

Page 2 of 3

## PATENT REEL: 045971 FRAME: 0600

### LPCMII0046PC00

### PCT/EP2016/077982

| Name             | Signature   | Date       |
|------------------|-------------|------------|
| DETHIER, Alfred  |             | 17.11.2016 |
| WINAND, Stéphane | Listeren Mc | 17,11,2016 |
| LECLOUX, Yves    | Y Leilowe   | 17.11.2016 |
|                  |             |            |
|                  |             |            |

Page 3 of 3

# PATENT REEL: 045971 FRAME: 0601

RECORDED: 06/04/2018