

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mark Hermans</td> <td>08/07/2013</td> </tr> <tr> <td>Lambertus Franciscus Wilhelmus Van Haren</td> <td>07/10/2013</td> </tr> <tr> <td>Gerardus Hermanus Johannes Reulink</td> <td>07/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Mark Hermans	08/07/2013	Lambertus Franciscus Wilhelmus Van Haren	07/10/2013	Gerardus Hermanus Johannes Reulink	07/10/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Besi Netherlands B.V.</td> </tr> <tr> <td>Street Address:</td> <td>Ratio 6</td> </tr> <tr> <td>City:</td> <td>Duiven</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>NL-6921 RW</td> </tr> </table>		Name:	Besi Netherlands B.V.	Street Address:	Ratio 6	City:	Duiven	State/Country:	NETHERLANDS	Postal Code:	NL-6921 RW
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13977187</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13977187						
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CORRESPONDENCE DATA											
<p>Fax Number: 4129455933  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 412-471-8815        Email: assignments@webblaw.com        Correspondent Name: THE WEBB LAW FIRM, P.C.        Address Line 1: ONE GATEWAY CENTER        Address Line 2: 420 FT. DUQUESNE BLVD, SUITE 1200        Address Line 4: PITTSBURGH, PENNSYLVANIA 15222</p>											
ATTORNEY DOCKET NUMBER:	3135-132235										
NAME OF SUBMITTER:	John W. McIlvaine										
Signature:	/john w mcilvaine/										

Date:

09/10/2013

**Total Attachments: 4**

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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Mark HERMANS  
Lambertus Franciscus Wilhelmus VAN HAREN  
Gerardus Hermanus Johannes REULINK

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 08/07/2013; 07/10/2013

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Besi Netherlands B.V.

Internal Address: \_\_\_\_\_

Street Address: Ratio 6

City: Duiven

State: \_\_\_\_\_

Country: THE NETHERLANDS Zip: NL-6921 RW

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

A. Patent Application No.(s)  
13/977,187

☐ This document is being filed together with a new application.  
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: John W. McIlvaine

Internal Address: The Webb Law Firm

Street Address: One Gateway Center  
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 1916  
Expiration Date 05/2015

b. Deposit Account Number 23-0650

Authorized User Name \_\_\_\_\_

**9. Signature:**

  
Signature

John W. McIlvaine  
Name of Person Signing

September 10, 2013  
Date

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

**SEAL FOR A SAWING MACHINE FOR SEPARATING ELECTRONIC COMPONENTS  
AND SAWING MACHINE PROVIDED WITH SUCH A SEAL**

(Invention Title)

☐ for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

☒ for which an application for a United States Patent was filed on 12/21/2011 (mm/dd/yyyy) and bears Application Number 13/977,187 (hereinafter "said application").

AND/OR

☒ for which an international patent application was filed under the Patent Cooperation Treaty on 12/21/2011 (mm/dd/yyyy), bearing Application No. PCT/NL2011/050871 (hereinafter "said application").

AND, WHEREAS, Besi Netherlands B.V., a corporation of THE NETHERLANDS, having a place of business at Ratio 6, NL-6921 RW Duiven, THE NETHERLANDS, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request any attorney associated with The Webb Law Firm, Customer No. 28289, to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me

respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:  
Mark HERMANS

RESIDENCE:  
Geldermalsen, THE NETHERLANDS

EXECUTED this 7 day of August, 2013

  
SIGNATURE


WITNESS:



2. FULL NAME OF ASSIGNOR:  
Lambertus Franciscus Wilhelmus  
VAN HAREN

RESIDENCE:  
Druten, THE NETHERLANDS

EXECUTED this 10 day of July, 2013

  
SIGNATURE

WITNESS:



☒ Checked Box indicates 1 additional page(s) for inventor signatures.

INTERNATIONAL  
Application No. 13/977,187  
Attorney Docket No. 3135-132235

3. FULL NAME OF ASSIGNOR:  
Gerardus Hermanus Johannes REULINK

RESIDENCE:  
Kilder, THE NETHERLANDS

EXECUTED this 10 day of July, 2013



SIGNATURE

WITNESS:

