

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>George Elizarraras</td> <td>07/26/2012</td> </tr> <tr> <td>Bjorn Gunderson</td> <td>08/01/2012</td> </tr> <tr> <td>Dale Knox</td> <td>07/19/2012</td> </tr> <tr> <td>Kevin O'Leary</td> <td>07/30/2012</td> </tr> <tr> <td>Adam Ruggles</td> <td>07/31/2012</td> </tr> <tr> <td>Marko Suput</td> <td>07/23/2012</td> </tr> <tr> <td>Jason Ward</td> <td>07/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	George Elizarraras	07/26/2012	Bjorn Gunderson	08/01/2012	Dale Knox	07/19/2012	Kevin O'Leary	07/30/2012	Adam Ruggles	07/31/2012	Marko Suput	07/23/2012	Jason Ward	07/23/2012
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<table border="1"> <tr> <td>Name:</td> <td>James Hardie Technology Limited</td> </tr> <tr> <td>Street Address:</td> <td>Europa House, Second Floor, Harcourt Centre, Harcourt Street</td> </tr> <tr> <td>City:</td> <td>Dublin</td> </tr> <tr> <td>State/Country:</td> <td>IRELAND</td> </tr> </table>		Name:	James Hardie Technology Limited	Street Address:	Europa House, Second Floor, Harcourt Centre, Harcourt Street	City:	Dublin	State/Country:	IRELAND								
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29424246</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29424246												
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Application Number:	29424246																
CORRESPONDENCE DATA																	
Fax Number:	9497609502																
Phone:	949-760-0404																
Email:	efiling@knobbe.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	Knobbe Martens Olson & Bear, LLP																
Address Line 1:	2040 Main Street																
Address Line 2:	14th Floor																
Address Line 4:	Irvine, CALIFORNIA 92614																
ATTORNEY DOCKET NUMBER:	HARD1.249DA																

OP \$40.00 29424246

NAME OF SUBMITTER:

Linda H. Liu

Total Attachments: 8

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PATENT

REEL: 028823 FRAME: 0820

ASSIGNMENT

WHEREAS, the undersigned, George Elizarraras, Bjorn Gunderson, Dale Knox; Kevin O'Leary; Adam Ruggles; Marko Suput, and Jason Ward, (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to a WALL JUNCTION (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");


AND WHEREAS, James Hardie Technology Limited, a company organized under the laws of Bermuda, with its principal place of business at Europa House, Second Floor, Harcourt Centre, Harcourt Street, Dublin, Ireland (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto, and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 26 day of July, 2012.


George Elizarraras

STATE OF CALIFORNIA

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ss.

COUNTY OF San Bernardino

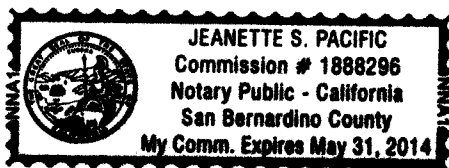
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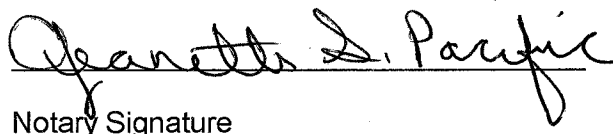
On July 26, 2012 before me, Seanette S. Pacific, notary public, personally appeared George Elizarraras who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]




Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1 day of August, 2012.



Bjorn Gunderson

Illinois
STATE OF ~~CALIFORNIA~~

}

}

ss.

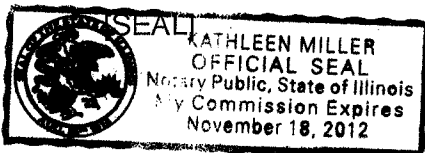
COUNTY OF Lake

}

On August 1, 2012, before me, Kathleen Miller, notary public, personally appeared Bjorn Gunderson who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Illinois ~~California~~ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 19 day of July, 20 12.



Dale Knox

STATE OF CALIFORNIA

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ss.

COUNTY OF San Bernardino

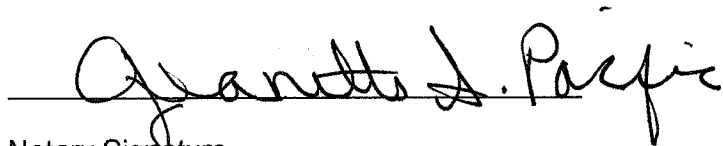
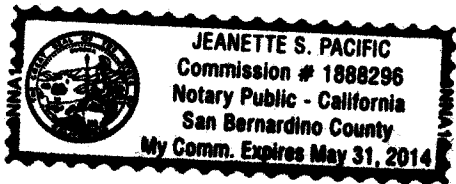
}

On July 19, 2012, before me, Jeanette S. Pacific, notary public, personally appeared Dale Knox who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]



Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 30 day of July, 2012.

Kevin O'Leary

Kevin O'Leary

STATE OF CALIFORNIA }

} ss.

COUNTY OF San Bernardino }

On July 30, 2012, before me, Jeanette S. Pacific, notary public, personally appeared Kevin O'Leary who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

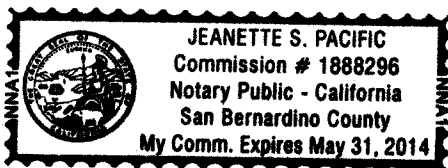
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

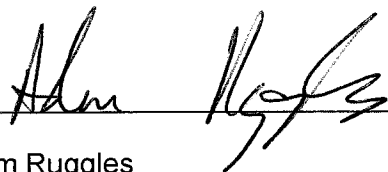
[SEAL]

Jeanette S. Pacific

Notary Signature



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 31 day of
JULY, 2012.


Adam Ruggles

OHIO
STATE OF CALIFORNIA }
COUNTY OF DELAWARE }

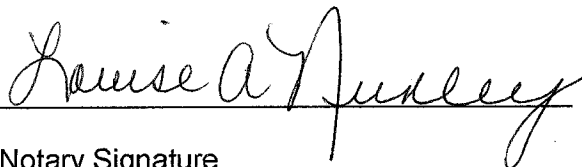
ss.

On July 31, 2012 before me, Adam Ruggles, notary public,
personally appeared Adam Ruggles who proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted,
executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that
the foregoing paragraph is true and correct.

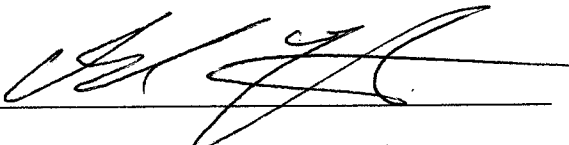
WITNESS my hand and official seal.

[SEAL]


Notary Signature

LOUISE A. NUNLEY
Notary Public, State of Ohio
My Commission Expires 01-06-2014

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 23 day of July, 20 12.


Marko Suput

STATE OF CALIFORNIA

ss.

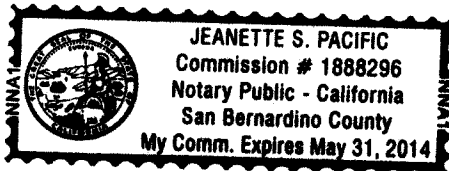
COUNTY OF San Bernardino

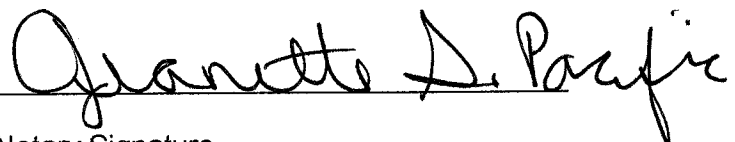
On July 23, 2012, before me, Jeanette S. Pacific, notary public, personally appeared Marko Suput who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]




Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 23 day of July, 20 12.



Jason Ward

STATE OF CALIFORNIA }

} ss.

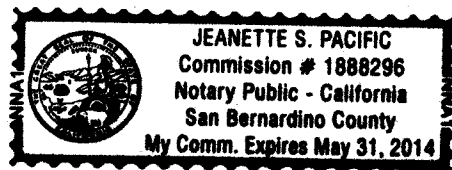
COUNTY OF San Bernardino }

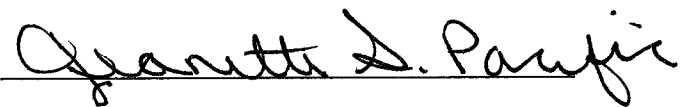
On July 23, 2012, before me, Jeanette S. Pacific, notary public, personally appeared Jason Ward who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]





Notary Signature