

03-19-2010

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



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103592191

To the Director of the U.S. Patent and Trademark Office

documents or the new address(es) below.

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

James Hardie International Finance B.V.

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

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

Execution Date(s) December 15, 2009

- ☒ 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: James Hardie Technology Limited

Internal Address: Europa House, Second Floor

Harcourt Centre

Street Address: Harcourt Street

City: Dublin

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

Country: IRELAND Zip: 2

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

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

A. Patent Application No. (s)

See Attached

This document is being filed together with a new application.

B. Patent No. (s)

See Attached

Additional numbers attached? ☒ Yes ☐ No

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

Name: Robert J. Ward

Internal Address: Thanksgiving Tower, Suite 3000

Street Address: 1601 Elm Street

City: Dallas

State: Texas Zip: 75201

Phone Number: 214.999.4266

Fax Number: 214.999.3623

Email Address: jones@gardere.com

**6. Total number of applications and patents involved: 53**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 2,120.00**

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

**8. Payment Information**

Deposit Account Number

Authorized User Name

**9. Signature:**

Robert J. Ward

Signature

March 15, 2010

Date

Robert J. Ward  
Name of Person Signing

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

22

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

PATENT  
REEL: 024103 FRAME: 0809

SCHEDULE

| Country                  | Title                                      | Filing Date | Application No. | Patent No. | Grant Date |
|--------------------------|--------------------------------------------|-------------|-----------------|------------|------------|
| UNITED STATES OF AMERICA |                                            |             |                 |            |            |
| United States of America | A FURNACE FOR HEATING POWDERS AND THE LIKE | 01-Nov-2005 | 11/265057       | PATENTS    |            |
|                          |                                            |             |                 |            |            |
| United States of America | ALKALI RESISTANT GLASS COMPOSITIONS        | 24-Feb-2006 | 11/361694       |            |            |

# SCHEDULE

| Country                  | Title                                                          | Filing Date | Application No. | Patent No. | Grant Date  |
|--------------------------|----------------------------------------------------------------|-------------|-----------------|------------|-------------|
|                          |                                                                |             |                 |            |             |
| United States of America | BUILDING MATERIAL AND METHOD OF MAKING AND INSTALLING THE SAME | 19-May-2004 | 10/849279       |            |             |
| United States of America | BUILDING MATERIALS WITH BIORESISTANT PROPERTIES                | 16-Dec-2004 | 11/014635       |            |             |
|                          |                                                                |             |                 |            |             |
| United States of America | CAULKLESS PANELIZED WALL SYSTEM                                | 27-Nov-2002 | 10/306912       | 7155868    | 02-Jan-2007 |
| United States of America | CEMENTITIOUS BUILDING PANEL WITH CUT BEAD                      | 17-Nov-1998 | 09/193770       | 6138430    | 31-Oct-2000 |

# SCHEDULE

| Country                  | Title                                                                              | Filing Date | Application No. | Patent No. | Grant Date |
|--------------------------|------------------------------------------------------------------------------------|-------------|-----------------|------------|------------|
| United States of America | CEMENTITIOUS FORMULATIONS AND PRODUCTS                                             | 02-Oct-2008 | 12/244753       |            |            |
| United States of America | COMPOSITE CEMENT ARTICLE INCORPORATING A POWDER COATING AND METHODS OF MAKING SAME | 11-Jul-2005 | 11/179355       |            |            |
| United States of America | COMPOSITE FIBER CEMENT ARTICLE WITH RADIATION CURABLE COMPONENT                    | 12-Jan-2005 | 11/035386       |            |            |
| United States of America | COMPOSITE PRODUCT                                                                  | 04-Déc-2006 | 11/634285       |            |            |

SCHEDULE

| Country                  | Title                                                                      | Filing Date | Application No. | Patent No. | Grant Date |
|--------------------------|----------------------------------------------------------------------------|-------------|-----------------|------------|------------|
|                          |                                                                            |             |                 |            |            |
| United States of America | CROSS SUBSTRATE<br>HAVING ONE OR MORE<br>CROSS-LINKED<br>INTERFACIAL ZONES | 18-Aug-2005 | 11/208433       |            |            |
|                          |                                                                            |             |                 |            |            |

# SCHEDULE

| Country                  | Title                                                                                                             | Filing Date | Application No. | Patent No. | Grant Date |
|--------------------------|-------------------------------------------------------------------------------------------------------------------|-------------|-----------------|------------|------------|
| United States of America | ENGINEERED COMPOSITE BUILDING MATERIALS AND METHODS OF MAKING SAME                                                | 13-Dec-2006 | 11/638624       |            |            |
|                          | ENGINEERED LOW-DENSITY HETEROGENEOUS MICROPARTICLES AND METHODS AND FORMULATIONS FOR PRODUCING THE MICROPARTICLES | 08-Dec-2006 | 11/636136       |            |            |
| United States of America | FIBER CEMENT ARTICLES, FORMULATIONS, METHODS OF MAKING AND USES                                                   | 03-Apr-2009 | 61/166427       |            |            |

SCHEDULE

| Country                  | Title                                                                           | Filing Date | Application No. | Patent No. | Grant Date  |
|--------------------------|---------------------------------------------------------------------------------|-------------|-----------------|------------|-------------|
| United States of America | FIBER CEMENT BUILDING MATERIALS WITH LOW DENSITY ADDITIVES                      | 28-Feb-2008 | 12/039372       |            |             |
| United States of America | FIBER CEMENT COMPOSITE MATERIAL USING BIOCIDES TREATED DURABLE CELLULOSE        | 02-Oct-2001 | 09/969964       | 6777103    | 17-Aug-2004 |
| United States of America | FIBER CEMENT COMPOSITE MATERIAL USING BIOCIDES TREATED DURABLE CELLULOSE FIBERS | 17-Aug-2004 | 10/919587       |            |             |

# SCHEDULE

| Country                  | Title                                                                                                                  | Filing Date | Application No. | Patent No. | Grant Date  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|------------|-------------|
| United States of America | FIBER CEMENT<br>COMPOSITE MATERIALS<br>USING BLEACHED<br>CELLULOSE FIBERS                                              | 07-Jan-2004 | 10/753089       |            |             |
| United States of America | FIBER CEMENT<br>COMPOSITE MATERIALS<br>USING CELLULOSE FIBERS<br>LOADED WITH<br>INORGANIC AND/OR<br>ORGANIC SUBSTANCES | 02-Oct-2001 | 09/969957       | 6676744    | 13-Jan-2004 |
| United States of America | FIBER CEMENT<br>COMPOSITE MATERIALS<br>USING CELLULOSE FIBERS<br>LOADED WITH<br>INORGANIC AND/OR<br>ORGANIC SUBSTANCES | 09-Jan-2004 | 10/754137       | 6872246    | 29-Mar-2005 |



# SCHEDULE

| Country                  | Title                                                                                                    | Filing Date | Application No. | Patent No. | Grant Date  |
|--------------------------|----------------------------------------------------------------------------------------------------------|-------------|-----------------|------------|-------------|
| United States of America | FIBER CEMENT COMPOSITE MATERIALS USING SIZED CELLULOSE FIBERS                                            | 02-Oct-2001 | 09/969742       | 6676745    | 13-Jan-2004 |
| United States of America | FIBER CEMENT COMPOSITE MATERIALS USING SIZED CELLULOSE FIBERS                                            | 13-Jan-2004 | 10/757330       |            |             |
| United States of America | FIBER CEMENT FENCE SYSTEM                                                                                | 01-Mar-2004 | 10/791688       |            |             |
|                          |                                                                                                          |             |                 |            |             |
| United States of America | FIBER CEMENT SIDING PLANKS AND METHODS OF MAKING AND INSTALLING THE SAME                                 | 03-Apr-2002 | 10/117561       |            |             |
|                          |                                                                                                          |             |                 |            |             |
| United States of America | FIBER REINFORCED CEMENT COMPOSITE MATERIALS USING CHEMICALLY TREATED FIBERS WITH IMPROVED DISPERSIBILITY | 01-Mar-2002 | 10/090060       | 7344593    | 18-Mar-2008 |

# SCHEDULE

| Country                  | Title                                                                                  | Filing Date | Application No. | Patent No. | Grant Date  |
|--------------------------|----------------------------------------------------------------------------------------|-------------|-----------------|------------|-------------|
| United States of America | FIBER-CEMENT/GYPSUM LAMINATE                                                           | 10-Jul-2007 | 11/825870       |            |             |
| United States of America | FIBROUS CEMENTITIOUS PLANK ASSEMBLY HAVING A PROTECTIVE FILM AND METHOD OF MAKING SAME | 24-Oct-2001 | 10/029558       | 6699576    | 02-Mar-2004 |

# SCHEDULE

| Country                  | Title                                                                      | Filing Date | Application No. | Patent No. | Grant Date |
|--------------------------|----------------------------------------------------------------------------|-------------|-----------------|------------|------------|
|                          |                                                                            |             |                 |            |            |
|                          |                                                                            |             |                 |            |            |
| United States of America | GEOPOLYMERIC PARTICLES, FIBERS, SHAPED ARTICLES AND METHODS OF MANUFACTURE | 06-Dec-2006 | 11/635779       |            |            |
|                          |                                                                            |             |                 |            |            |
|                          |                                                                            |             |                 |            |            |
| United States of America | LIGHT WEIGHT ADDITIVE, METHOD OF MAKING AND USES THEREOF                   | 16-Apr-2008 | 12/104251       |            |            |

SCHEDULE

| Country                  | Title                                                                                                      | Filing Date | Application No. | Patent No. | Grant Date  |
|--------------------------|------------------------------------------------------------------------------------------------------------|-------------|-----------------|------------|-------------|
| United States of America | LOW DENSITY ACCELERANT AND STRENGTH ENHANCING ADDITIVE FOR CEMENTITIOUS PRODUCTS AND METHODS OF USING SAME | 04-Mar-2002 | 10/090340       | 7041167    | 09-May-2006 |
|                          |                                                                                                            |             |                 |            |             |
| United States of America | MANUFACTURE AND USE OF ENGINEERED CARBIDE AND NITRIDE COMPOSITES                                           | 29-Oct-2004 | 12/425217       |            |             |
|                          |                                                                                                            |             |                 |            |             |

# SCHEDULE

| Country                  | Title                                                                                                                           | Filing Date | Application No. | Patent No. | Grant Date  |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|------------|-------------|
| United States of America | METHOD AND APPARATUS FOR REDUCING IMPURITIES IN CELLULOSE FIBERS FOR MANUFACTURE OF FIBER REINFORCED CEMENT COMPOSITE MATERIALS | 02-Oct-2001 | 09/970389       |            |             |
| United States of America | METHOD OF MAKING A PLANK ASSEMBLY HAVING A PROTECTIVE FILM                                                                      | 02-Mar-2004 | 10/791970       | 7323076    | 29-Jan-2008 |

SCHEDULE

| Country                  | Title                                                       | Filing Date | Application No. | Patent No. | Grant Date  |
|--------------------------|-------------------------------------------------------------|-------------|-----------------|------------|-------------|
|                          |                                                             |             |                 |            |             |
| United States of America | METHODS AND FORMULATIONS FOR PRODUCING LOW DENSITY PRODUCTS | 25-Feb-2004 | 10/787894       | 7455798    | 25-Nov-2008 |
|                          |                                                             |             |                 |            |             |
| United States of America | METHODS AND FORMULATIONS FOR PRODUCING LOW DENSITY PRODUCTS | 06-Nov-2008 | 12/266370       |            |             |

# SCHEDULE

| Country                  | Title                                       | Filing Date | Application No. | Patent No. | Grant Date |
|--------------------------|---------------------------------------------|-------------|-----------------|------------|------------|
| United States of America | MULTIFUNCTIONAL PRIMERS                     | 27-Jun-2008 | 12/163541       |            |            |
| United States of America | PACKAGING PREFINISHED FIBER CEMENT ARTICLES | 08-Mar-2007 | 11/715685       |            |            |
| United States of America | PACKAGING PREFINISHED FIBER CEMENT PRODUCTS | 16-Jul-2003 | 10/620711       |            |            |
| United States of America | PAINT                                       | 27-Jun-2008 | 12/163739       |            |            |

PATENT

REEL: 024103 FRAME: 0823

SCHEDULE

| Country                  | Title                                                       | Filing Date | Application No. | Patent No. | Grant Date  |
|--------------------------|-------------------------------------------------------------|-------------|-----------------|------------|-------------|
| United States of America | PANELIZED WALL SYSTEM UTILIZING JOINT TAPE                  | 27-Nov-2002 | 10/306914       | 7159368    | 09-Jan-2007 |
| United States of America | PANELIZED WALL SYSTEM UTILIZING TROUGH-EDGE BUILDING PANELS | 27-Nov-2002 | 10/306911       | 6988343    | 24-Jan-2006 |
| United States of America | PRIMER FOR COMPOSITE BUILDING MATERIALS                     | 27-Jun-2008 | 12/163452       |            |             |



# SCHEDULE

| Country                  | Title                                                                                           | Filing Date | Application No. | Patent No. | Grant Date |
|--------------------------|-------------------------------------------------------------------------------------------------|-------------|-----------------|------------|------------|
| United States of America | PVP/PA-ENVIRONMENTALLY FRIENDLY CEMENTITIOUS ARTICLES, FORMULATIONS, METHODS OF MAKING AND USES | 26-Jun-2009 | 61/220934       |            |            |
|                          | REINFORCED FIBER CEMENT ARTICLE AND METHODS OF MAKING AND INSTALLING THE SAME                   | 03-Apr-2002 | 10/117401       |            |            |
|                          |                                                                                                 |             |                 |            |            |
| United States of America | STRUCTURAL FIBER CEMENT BUILDING MATERIALS                                                      | 20-Dec-2007 | 11/961749       |            |            |
|                          |                                                                                                 |             |                 |            |            |

# SCHEDULE

| Country                  | Title                                             | Filing Date | Application No. | Patent No. | Grant Date  |
|--------------------------|---------------------------------------------------|-------------|-----------------|------------|-------------|
| United States of America | SUSPENDED CONCRETE FLOORING SYSTEM AND METHOD     | 15-Oct-2001 | 09/978636       | 6755001    | 29-Jun-2004 |
| United States of America | SYNTHETIC MICROSPHERES AND METHODS OF MAKING SAME | 25-Aug-2003 | 10/648184       |            |             |
| United States of America | SYNTHETIC MICROSPHERES AND METHODS OF MAKING SAME | 25-Aug-2003 | 10/648585       |            |             |
| United States of America | SYNTHETIC MICROSPHERES AND METHODS OF MAKING SAME | 25-Aug-2003 | 10/648009       |            |             |

# SCHEDULE

| Country                  | Title                                                                         | Filing Date | Application No. | Patent No. | Grant Date  |
|--------------------------|-------------------------------------------------------------------------------|-------------|-----------------|------------|-------------|
| United States of America | THROUGH-EDGE BUILDING PANEL AND METHOD OF MANUFACTURE                         | 27-Nov-2002 | 10/307013       | 7037572    | 02-May-2006 |
|                          |                                                                               |             |                 |            |             |
| United States of America | BUILDING BOARD FOR HANDLING AND USE                                           | 10-Aug-2009 | 61/232,693      |            |             |
| United States of America | REINFORCED FIBER CEMENT ARTICLE AND METHODS OF MAKING AND INSTALLING THE SAME | 28-Jul-2009 | 12/510,741      |            |             |
|                          | BUILDING MATERIAL AND METHOD OF MAKING AND INSTALLING THE SAME                | 04-Sep-2009 | 12/554,100      |            |             |

## CONFIRMATION OF ASSIGNMENT OF IP RIGHTS

THIS DEED is made on ~~November~~ <sup>DECEMBER</sup> 15, 2009

### PARTIES

1. **James Hardie International Finance B.V.**, a private limited liability company (*besloten vennootschap met beperkte aansprakelijkheid*) organized and existing under the laws of The Netherlands, with Ministry of Justice number B.V. 1000894, having its corporate seat in Amsterdam, The Netherlands, with address Strawinskylaan 3077, 1077 ZX Amsterdam, The Netherlands, registered with the Amsterdam trade register under number 34108775 (**Assignor**); and
2. **James Hardie Technology Limited**, a corporation organized and existing under the laws of Bermuda, having its registered office at Clarendon House, 2 Church Street, Hamilton, HM 11, Bermuda, with address at Europa House, Second Floor, Harcourt Centre, Harcourt Street, Dublin 2, Ireland registered with the Bermuda trade register under number EC 43298 (**Assignee**).

### RECITALS

- A. The Assignor is the owner of, or applicant for, the trade marks (the **Trade Marks**); (if any), the patents (the **Patents**) (if any), and the designs (the **Designs**) (if any), listed or referred to in the Schedule (**IP Rights**).
- B. The Assignor has assigned to the Assignee all the Assignor's right, title and interest in and to the IP Rights pursuant to a Deed of Sale, Transfer and Assignment of Intellectual Property dated 1 October 2009 (**Effective Date**).

### OPERATIVE PROVISIONS

1. In consideration of the payment of US\$1 and other good and valuable consideration by the Assignee to the Assignor, the receipt and sufficiency of which is acknowledged by the Assignor, the parties confirm that the Assignor has assigned to the Assignee and the Assignee has accepted absolutely on and from the Effective Date:
  - (a) the entire right, title and interest in and to the Patents and Designs without geographical limit including the benefit of all priority rights and, in the case of the Patents, the right to file further applications based on the Patents such as but not limited to divisional, continuation and continuation-in-part applications, patents of addition and utility applications;
  - (b) all rights to register and otherwise exploit the Patents and Designs including, in the case of the Patents, all corresponding rights obtainable in respect of the inventions that are described and/or claimed in the Patents; and
  - (c) all rights, powers, liberties and immunities arising from any rights granted in relation to the Patents and Designs including the right to sue for and obtain injunctive relief, damages and all other remedies for any infringement of the assigned rights which may have occurred prior to or after the date of the assignment or this Deed.
2. In consideration of the payment of US\$1 and other good and valuable consideration by the Assignee to the Assignor, the receipt and sufficiency of which are hereby acknowledged, the Assignor hereby confirms that it has assigned to the Assignee and the Assignee has accepted to hold absolutely on and from the Effective Date all of the Assignor's rights, title and interest in and to the Trade Marks, including the goodwill relating to the Trade Marks, and including any International registrations based thereon, and any national registrations based on or derived from those International registrations.

EXECUTED AS A DEED by the duly authorised representatives of each party:

Signed in multiple originals in Amsterdam, The Netherlands.

James Hardie International Finance B.V.  
(in its personal capacity and in its capacity as  
general partner of NV Technology Holdings A  
Limited Partnership)

By: Diederik J Ex  
Title: Proxy Holder/Attorney  
Date: November 15, 2009

DECEMBER

James Hardie Technology Limited

By: Dirk van Hilten  
Title: Proxy Holder/Attorney  
Date: November 15, 2009

DECEMBER

Witnesses to the above signatures:

Witness:

Printed Name: Anoushka Hylkema  
Address: Strawinskylaan 3077, 1077 ZX  
Amsterdam, The Netherlands

Witness:

Printed Name: Adri Kok  
Address: Strawinskylaan 3077, 1077 ZX  
Amsterdam, The Netherlands

# SCHEDULE

## Trade Marks

| Country           | Mark | App. Date | App. No. | Reg. Date | Reg. No. |
|-------------------|------|-----------|----------|-----------|----------|
| See attached list |      |           |          |           |          |

together with any other trade mark applications or registrations legally or beneficially owned by the Assignor in the country specified in the attached list.

## Patents

| Country           | Title | Filing Date | Application No. | Patent No. | Grant Date |
|-------------------|-------|-------------|-----------------|------------|------------|
| See attached list |       |             |                 |            |            |

together with any other granted patents or patent applications of any type legally or beneficially owned by the Assignor in the country specified in the attached list.

## Designs

| Country           | Title | Filing Date | Application No. | Patent No. | Grant Date |
|-------------------|-------|-------------|-----------------|------------|------------|
| See attached list |       |             |                 |            |            |

together with any other design registrations or applications legally or beneficially owned by the Assignor in the country specified in the attached list.