

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4680017

|   |                                  |
|---|----------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                   |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                       |
| <b>CONVEYING PARTY DATA</b>   |                                  |
| <b>Name</b>   | <b>Execution Date</b>            |
| LIONEL E. DAYTON  | 06/20/2016                       |
| RICHARD W. LUKES  | 06/06/2016                       |
| <b>RECEIVING PARTY DATA</b>   |                                  |
| <b>Name:</b>  | NUCOR CORPORATION                |
| <b>Street Address:</b>  | 1915 REXFORD ROAD                |
| <b>City:</b>  | CHARLOTTE                        |
| <b>State/Country:</b>   | NORTH CAROLINA                   |
| <b>Postal Code:</b>   | 28211                            |
| <b>Name:</b>  | ASIA FASTENING (US), INC.        |
| <b>Street Address:</b>  | 2700 CENTERVILLE ROAD, SUITE 400 |
| <b>City:</b>  | WILMINGTON                       |
| <b>State/Country:</b>   | DELAWARE                         |
| <b>Postal Code:</b>   | 19808                            |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                  |
| <b>Property Type</b>  | <b>Number</b>                    |
| <b>Application Number:</b>  | 15722509                         |
| <b>CORRESPONDENCE DATA</b>  |                                  |
| <b>Fax Number:</b>  | (216)241-2824                    |
| <i>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.</i> |                                  |
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| <b>Email:</b>   | patents@hahnlaw.com              |
| <b>Correspondent Name:</b>  | HAHN LOESER & PARKS LLP          |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 213533.00020                     |
| <b>NAME OF SUBMITTER:</b>   | JOEL S. SONNENBERG               |
| <b>SIGNATURE:</b>   | /Joel S. Sonnenberg/             |

|   |            |
|---|------------|
| <b>DATE SIGNED:</b>   | 11/08/2017 |
| <b>Total Attachments: 4</b><br>source=2017-11-08_Assignment_as_filed_in_Parent#page1.tif<br>source=2017-11-08_Assignment_as_filed_in_Parent#page2.tif<br>source=2017-11-08_Assignment_as_filed_in_Parent#page3.tif<br>source=2017-11-08_Assignment_as_filed_in_Parent#page4.tif |            |

Practitioner's Docket No. 204895.00049

PATENT

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventors

### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Lionel E. DAYTON

~~1301 Kerr Drive~~

~~Decorah, IA 52001~~

US

Nationality: US

6145 Falcon Ridge Trail  
Apple Valley, MN 55124

Richard W. LUKES

1301 Kerr Drive

Decorah, IA 52001

US

Nationality: US

hereby sells, assigns and transfers to

ASSIGNEE:

NUCOR CORPORATION

1915 Rexford Road

Charlotte, NC 28211

US

State of Formation: Delaware

and

Asia Fastening (US), Inc.

2700 Centerville Road, Suite 400

Wilmington, DE 19808

US

State of Formation: Delaware

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to any and all improvements which are disclosed in the invention entitled:

### WELDLESS BUILDING STRUCTURES

and which is found in (37 C.F.R. Section 3.21) U.S. Application No. 14/988,314 filed on January 5, 2016, and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

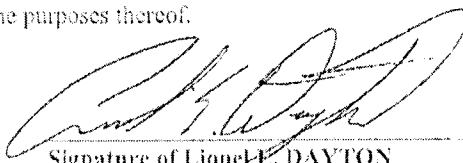
Assignment of Invention—Individual Inventor (page 1 of 2)

PATENT

REEL: 044073 FRAME: 0995

ASSIGNOR further covenants that ASSIGNEE will, upon their request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or their legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 6-20-16



Signature of Lionel E. DAYTON

Date: \_\_\_\_\_

Signature of Richard W. LUKES

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventors

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:** Lionel E. DAYTON  
1301 Kerr Drive  
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Nationality: US

Richard W. LUKES  
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Decorah, IA 52101  
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Nationality: US

hereby sells, assigns and transfers to

**ASSIGNEE:** NUCOR CORPORATION  
1915 Rexford Road  
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US  
State of Formation: Delaware

and

Asia Fastening (US), Inc.  
2700 Centerville Road, Suite 400  
Wilmington, DE 19808  
US  
State of Formation: Delaware

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to any and all improvements which are disclosed in the invention entitled:

**WELDLESS BUILDING STRUCTURES**

and which is found in (37 C.F.R. Section 3.21) U.S. Application No. 14/988,314 filed on January 5, 2016, and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR further covenants that ASSIGNEE will, upon their request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or their legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Lionel E. DAYTON

Date: 6/6/2016

Richard W. Lukes  
Signature of Richard W. LUKES