

04-12-2006



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4/7/06

To the Director of the U.S. Patent and

documents or the new address(es) below.

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

Klaus Hartig

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

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

Execution Date(s) March 31, 2006

- ☒ 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: Cardinal CG Company

Internal Address: Suite 200

Street Address: 775 Prairie Center Drive

City: Eden Prairie

State: MN

Country: USA Zip: 55344

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

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

A. Patent Application No.(s)  
11/360,266

☐ 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: Eric J Snustad, Fredrikson & Byron, P.A.

Internal Address:

Street Address: 200 South Sixth Street  
Suite 4000

City: Minneapolis

State: MN Zip: 55402

Phone Number: 612 492-7000

Fax Number: 612 492-7077

Email Address:

**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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

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

**9. Signature:**

Signature

April 5, 2006

Date

Eric J. Snustad

Name of Person Signing

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

2

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

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2006 APR 7 PM 2:48

FINANCE SECTION

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(40.00 DF)

**ASSIGNMENT**

I, Klaus Hartig of 5871 Valley Road, Avoca, Wisconsin 53506, a citizen of Germany, have made an invention relating to LOW-EMISSIVITY COATINGS HAVING HIGH VISIBLE TRANSMISSION AND LOW SOLAR HEAT GAIN COEFFICIENT and have executed an application for United States Letters Patent based thereon and identified by attorney's File No. 44046.203.435.2 and naming the following inventor(s): Klaus Hartig, regarding Application No. 11/360,266 filed February 23, 2006;

In exchange for good and valuable consideration, the receipt of which I now acknowledge, I hereby assign to Cardinal CG Company, a Wisconsin corporation having its principal place of business at 775 Prairie Center Drive, Suite 200, Eden Prairie, Minnesota 55344, its successors and assigns:

- (1) The entire right, title and interest to the above-identified invention and application;
- (2) The entire right, title and interest to any United States or foreign Letters Patents which may issue with respect to the above identified invention;
- (3) The entire right, title and interest to any renewals, reissues, extensions, substitutions, continuations, continuations-in-part, or divisions that may be filed with respect to the above identified invention and application;
- (4) The entire right, title and interest to any parent cases previously filed with respect to the above identified invention and application; and
- (5) The right to apply for Letters Patents in foreign countries in its own name and to claim any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

I further agree for myself and for my heirs, executors and administrators, to execute and deliver without further consideration any further applications, assignments or other documents and to perform such other lawful acts as Cardinal CG Company, its successors and assigns may deem necessary to fully secure, maintain and enforce its rights, title or interest as outlined herein.

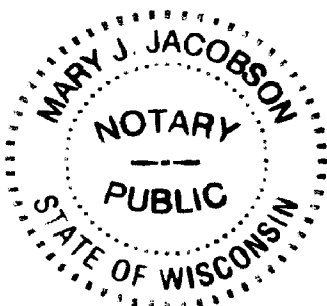
I hereby authorize and request the Commissioner of Patents and Trademarks to issue to Cardinal CG Company any Letters Patents which may be granted in accordance with this Assignment.

Dated: 3/31/06

Klaus Hartig  
Klaus Hartig

Subscribed and sworn to before me  
this 31 day of March, 2006

Mary J. Jacobson  
Notary Public  
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**PATENT**

**RECORDED: 04/07/2006**

**REEL: 017738 FRAME: 0458**