

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:   | CORRECTIVE ASSIGNMENT  |               |                                 |                     |                   |                |               |                       |             |              |            |
|--|--|---------------|---------------------------------|---------------------|-------------------|----------------|---------------|-----------------------|-------------|--------------|------------|
| NATURE OF CONVEYANCE:  | Corrective Assignment to correct the Serial Number and Title previously recorded on Reel 019013 Frame 0278. Assignor(s) hereby confirms the Serial Number should be "11708811" and the title should be "ION EXCHANGE REACTOR". |               |                                 |                     |                   |                |               |                       |             |              |            |
| CONVEYING PARTY DATA   |  |               |                                 |                     |                   |                |               |                       |             |              |            |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Tony Rector</td><td>02/19/2007</td></tr><tr><td>John W. Steele</td><td>02/19/2007</td></tr><tr><td>Durwood Mace Beringer</td><td>02/19/2007</td></tr></tbody></table>                                     |  | Name          | Execution Date                  | Tony Rector         | 02/19/2007        | John W. Steele | 02/19/2007    | Durwood Mace Beringer | 02/19/2007  |              |            |
| Name   | Execution Date   |               |                                 |                     |                   |                |               |                       |             |              |            |
| Tony Rector  | 02/19/2007   |               |                                 |                     |                   |                |               |                       |             |              |            |
| John W. Steele   | 02/19/2007   |               |                                 |                     |                   |                |               |                       |             |              |            |
| Durwood Mace Beringer  | 02/19/2007   |               |                                 |                     |                   |                |               |                       |             |              |            |
| RECEIVING PARTY DATA   |  |               |                                 |                     |                   |                |               |                       |             |              |            |
| <table border="1"><tr><td>Name:</td><td>Hamilton Sundstrand Corporation</td></tr><tr><td>Street Address:</td><td>One Hamilton Road</td></tr><tr><td>City:</td><td>Windsor Locks</td></tr><tr><td>State/Country:</td><td>CONNECTICUT</td></tr><tr><td>Postal Code:</td><td>06096-1010</td></tr></table> |  | Name:         | Hamilton Sundstrand Corporation | Street Address:     | One Hamilton Road | City:          | Windsor Locks | State/Country:        | CONNECTICUT | Postal Code: | 06096-1010 |
| Name:  | Hamilton Sundstrand Corporation  |               |                                 |                     |                   |                |               |                       |             |              |            |
| Street Address:  | One Hamilton Road  |               |                                 |                     |                   |                |               |                       |             |              |            |
| City:  | Windsor Locks  |               |                                 |                     |                   |                |               |                       |             |              |            |
| State/Country:   | CONNECTICUT  |               |                                 |                     |                   |                |               |                       |             |              |            |
| Postal Code:   | 06096-1010   |               |                                 |                     |                   |                |               |                       |             |              |            |
| 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>11708811</td></tr></tbody></table>   |  | Property Type | Number                          | Application Number: | 11708811          |                |               |                       |             |              |            |
| Property Type  | Number   |               |                                 |                     |                   |                |               |                       |             |              |            |
| Application Number:  | 11708811   |               |                                 |                     |                   |                |               |                       |             |              |            |
| CORRESPONDENCE DATA  |  |               |                                 |                     |                   |                |               |                       |             |              |            |
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| Email: lupton@cgolaw.com   |  |               |                                 |                     |                   |                |               |                       |             |              |            |
| Correspondent Name: Matthew L. Koziarz   |  |               |                                 |                     |                   |                |               |                       |             |              |            |
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| ATTORNEY DOCKET NUMBER:  | 67010-233PUS1;PA0002095US  |               |                                 |                     |                   |                |               |                       |             |              |            |
| NAME OF SUBMITTER:   | Matthew L. Koziarz   |               |                                 |                     |                   |                |               |                       |             |              |            |

CH \$40.00 11708811

PATENT

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REEL: 020142 FRAME: 0850

**Total Attachments: 5**

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**PATENT**

**REEL: 020142 FRAME: 0851**

U.S. PTO  
11/708811  
02/21/2007

03-13-2007

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)



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

103381839

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)/Execution Date(s):**

Tony Rector  
John W. Steele  
Durwood Mace Berlinger

Execution Date(s) 2/19/2007Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

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

**2. Name and address of receiving party(ies)**Name: Hamilton Sundstrand Corporation

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

Street Address: One Hamilton RoadCity: Windsor LocksState: CTCountry: USZip: 06096Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Herewith

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Matthew L. KozlarzInternal Address: Carlson, Gaskey & Olds, P.C.Street Address: 400 W. Maple Rd., Ste. 350City: BirminghamState: MI Zip: 48009Phone Number: 248-988-8360Fax Number: 248-988-8363

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 08-0385

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

**9. Signature:**

Signature

February 21, 2007

Matthew L. Kozlarz

Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (703) 305-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

03/12/2007

01 FEB 2007

**ASSIGNMENT**  
**(Joint Inventors)**

WHEREAS, We, **Tony Rector** residing at **6 Elizabeth Court, Broad Brook, CT 06016**; **John W. Steele** residing at **57 Bee Mountain Rd., New Hartford, CT 06057** and **Durwood Mace Beringer** residing at **1405 East Street North, Suffield, CT 06078** (hereinafter referred to as Assignors), have invented new and useful improvements in:

**ION EXCHANGE REACTOR**

which is set forth in an application in the United States executed on even date herewith:

AND WHEREAS, **Hamilton Sundstrand Corporation** (hereinafter referred to as Assignee), of **One Hamilton Road, Windsor Locks, CT 06096-1010**, is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Dated: 02/19/07

Tony Rector  
Tony Rector

Witness #1 Douglas A. Brown

Witness #2 Robert J. By

Dated: 02/19/07

John W. Steele  
John W. Steele

Witness #1 Jerome D. Voss

Witness #2 Robert R. Rosta 2/19/07

Dated: 02/19/07

Durwood Mace Beringer  
Durwood Mace Beringer  
Dms

Witness #1 Peter W. Kiehl

Witness #2 Stephen Grandjean

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

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