

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>Amitava Datta</td><td>02/01/2008</td></tr><tr><td>Peter G. Amos</td><td>01/30/2008</td></tr><tr><td>Dominick G. More</td><td>01/31/2008</td></tr><tr><td>Kenneth W. Cornett</td><td>01/31/2008</td></tr><tr><td>Jeremy Payne</td><td>01/30/2008</td></tr></tbody></table>	Name	Execution Date	Amitava Datta	02/01/2008	Peter G. Amos	01/30/2008	Dominick G. More	01/31/2008	Kenneth W. Cornett	01/31/2008	Jeremy Payne	01/30/2008	
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Amitava Datta	02/01/2008												
Peter G. Amos	01/30/2008												
Dominick G. More	01/31/2008												
Kenneth W. Cornett	01/31/2008												
Jeremy Payne	01/30/2008												
RECEIVING PARTY DATA													
Name:	Parker-Hannifin Corporation												
Street Address:	6035 Parkland Boulevard												
City:	Cleveland												
State/Country:	OHIO												
Postal Code:	44124-4141												
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>12024187</td></tr></tbody></table>	Property Type	Number	Application Number:	12024187									
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CORRESPONDENCE DATA													
Fax Number: (216)621-6165 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 216.621.1113													
Email: cmurphy@rennerotto.com													
Correspondent Name: Cynthia S. Murphy													
Address Line 1: 1621 Euclid Avenue													
Address Line 2: 19th Floor													
Address Line 4: Cleveland, OHIO 44115													
ATTORNEY DOCKET NUMBER:	P255P0038USC												
NAME OF SUBMITTER:	Cynthia S. Murphy												

OP \$40.00 12024187

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PATENT  
REEL: 020513 FRAME: 0391

**Total Attachments: 6**

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**PATENT**

**REEL: 020513 FRAME: 0392**

**ASSIGNMENT**

**WHEREAS:**

NAME(S) AND  
ADDRESS(ES) OF  
INVENTOR(S)

Amitava Datta  
1360 High Hawk Road  
E. Greenwich, RI 02818

Peter G. Amos  
23 Book Hill Woods  
Essex, CT 06426

Dominick G. More  
43 Horse Shoe Lane  
Middletown, CT 06457

Kenneth W. Cornett  
5 Fife Court  
Ivoryton, CT 06442

Jeremy Payne  
208 Alden Avenue  
New Haven, CT 06515

(hereinafter referred to as ASSIGNOR), have invented a certain invention entitled:

TITLE OF  
INVENTION

**SEMICONDUCTOR PROCESS CHAMBER**

for which application for Letters Patent of the United States has been:  
[authorization is hereby given for any attorney of record in the subject patent application to insert below the application number and filing date information for this application when that information becomes available]

PARTICULARS OF  
APPLICATION

☐ executed concurrently herewith,  
☒ filed under U.S. Application No. 12/024,187 on Feb. 1, 2008, or  
☐ filed under Express Mail Label No. \_\_\_\_\_ on \_\_\_\_\_.

**WHEREAS:**

NAME, STATE OF  
INCORPORATION  
AND ADDRESS OF  
ASSIGNEE

Parker-Hannifin Corporation  
6035 Parkland Boulevard  
Cleveland, Ohio 44124-4141

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention (including all inventions should said application be deemed to include multiple inventions).

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention, and in and to said application; and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications and to claim priority under the provisions of any international convention; and also the entire right, title and interest in and to any and all patents, or reissues or extensions thereof, to be obtained in this or any foreign country upon said application or applications and any divisional, continuation or substitute applications which may be filed upon said invention in this or any foreign country; and ASSIGNOR hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to ASSIGNEE.

ASSIGNOR hereby covenants that ASSIGNOR has the full power to make this assignment and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and that ASSIGNOR will testify as to the same in any legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce patent protection for said invention in all countries.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this assignment document when that information becomes available.

FULL NAME(S) OF  
INVENTOR(S)

Date Feb 1, 2008

Amitava Datta  
Amitava Datta

Date \_\_\_\_\_

Peter G. Amos  
Peter G. Amos

Date JAN 31, 2008

Dominick G. More  
Dominick G. More

Date JAN 31, 2008

Kenneth W. Cornett  
Kenneth W. Cornett

Date Jan 30, 2008

Jeremy Payne  
Jeremy Payne

STATE OF )  
COUNTY OF ) ss. New Haven

Before me personally appeared the above named Amitava Datta who acknowledged the execution of the foregoing instrument as his/her free act and deed.

Date: 2-1-08

Seeson Doolan  
NOTARY PUBLIC  
My Commission Expires  
11/30/09

STATE OF )  
COUNTY OF ) ss. NEW HAVEN

Before me personally appeared the above named Dominick G. More who acknowledged the execution of the foregoing instrument as his/her free act and deed.

Date: 1-31-08

Seeson Doolan  
NOTARY PUBLIC  
My Commission Expires  
11/30/09

STATE OF )  
COUNTY OF ) ss. New Haven

Before me personally appeared the above named Kenneth W. Connett who  
acknowledged the execution of the foregoing instrument as his/her free act and deed.

Date: 1-31-08 Dee-Ann Doolan  
NOTARY PUBLIC  
My Commission Expires  
11/30/09

STATE OF )  
COUNTY OF ) ss. NEW HAVEN

Before me personally appeared the above named Jeremy Payne who  
acknowledged the execution of the foregoing instrument as his/her free act and deed.

Date: 1-30-08 Dee-Ann Doolan  
NOTARY PUBLIC  
My Commission Expires  
11/30/09

STATE OF )  
COUNTY OF ) ss.

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FULL NAME(S) OF  
INVENTOR(S)

Date \_\_\_\_\_

Date 1/20/08

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

Armitava Datta

Peter G. Amos

Dominick G. More

Kenneth W. Cornett

Jeremy Payne

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

ss. NEW HAVEN

Before me personally appeared the above named Peter G. Amos who acknowledged the execution of the foregoing instrument as his/her free act and deed.

Date: 1/30/08

Sharon Doolan  
NOTARY PUBLIC

my Commission Expires 11/30/09

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

ss.

Before me personally appeared the above named \_\_\_\_\_ who acknowledged the execution of the foregoing instrument as his/her free act and deed.

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

\_\_\_\_\_  
NOTARY PUBLIC

STATE OF            )  
                          ) ss.  
COUNTY OF        )

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