

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Don Bowman	03/24/2010
Stephen Coppola	03/25/2010
Kenneth W. Cornett	03/25/2010
Dan Funke	03/25/2010
Julian Kamibayashiyama	03/24/2010
Jeff Navarro	03/24/2010
Jeremy M. Payne	03/24/2010
Donald J. Peterson	03/29/2010
Douglas C. Schenk	03/24/2010

RECEIVING PARTY DATA

Name:	Parker-Hannifin Corporation
Street Address:	6035 Parkland Blvd
City:	Cleveland
State/Country:	OHIO
Postal Code:	44124-4141

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12731223

CORRESPONDENCE DATA

Fax Number: (216)621-6165
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 216.621.1113
 Email: dbulson@rennerotto.com
 Correspondent Name: Don W. Bulson
 Address Line 1: Renner, Otto, Boisselle & Sklar, LLP
 Address Line 2: 1621 Euclid Ave 19th Floor

OP \$40.00 12731223

Address Line 4: Cleveland, OHIO 44115

ATTORNEY DOCKET NUMBER:

P255P0057US

NAME OF SUBMITTER:

Don W. Bulson

Total Attachments: 7

source=P255P0057US-EXECASSN#page1.tif

source=P255P0057US-EXECASSN#page2.tif

source=P255P0057US-EXECASSN#page3.tif

source=P255P0057US-EXECASSN#page4.tif

source=P255P0057US-EXECASSN#page5.tif

source=P255P0057US-EXECASSN#page6.tif

source=P255P0057US-EXECASSN#page7.tif

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

Inventor Name	Address
Don Bowman	3932 Palm Drive, Bonita, CA 91902
Stephen Coppola	188 Athens Street, Boston, MA 02127
Kenneth W. Cornett	5 Fife Court, Ivoryton, CT 06442
Dan Funke	3660 Mission Montana, San Diego, CA 92120
Julian Kamibayashiyama	6840-1 Panamint Row, San Diego, CA 92139
Jeff Navarro	1201 Steiner Drive, Chula Vista, CA 91911
Jeremy M. Payne	208 Alden Avenue, New Haven, CT 06515
Donald J. Peterson	1094 Espuelas Court, Chula Vista, CA 91910
Douglas C. Schenk	2242 Sun Valley Road, Chula Vista, CA 91915

hereby sell(s) and assign(s) to **Parker-Hannifin Corporation** ("Parker"), a company having a place of business at 6035 Parkland Boulevard Cleveland, Ohio 44124-4141, its successors and assigns, the entire worldwide right, title and interest in and to:

i) the invention(s) entitled:

TITLE:	SUBSTRATE PROCESSING APPARATUS WITH COMPOSITE SEAL
--------	---

for which application for Letters Patent of the United States has been filed under:

Application No. (<i>Express Mail Label No.</i>)	
Filing Date (<i>Deposit Date</i>)	

[Authorization is hereby given for any attorney of record in the subject patent application to insert above the application number and filing date information for this application when that information becomes available]

or, if no application is identified above, the application executed concurrently herewith.

ii) said patent application;

iii) any and all provisional patent applications on which priority is claimed;

(iv) any and all related patent application(s) in the United States or a country foreign thereto, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, convention, International (e.g., Patent Cooperation Treaty (PCT)) and other applications based in whole or in part upon said invention(s) or upon said application(s);

v) any and all patents, including renewals, reissues, certificates of reexamination and extensions thereof granted for said invention(s) or upon said application(s); and

Attorney Docket No.: P255P0057US

vi) every priority right that is or may be predicated upon or arise from said invention(s), said application(s) and said patent(s).

I/We additionally authorize Parker to file in my/our name(s), or its own name, applications for patent in any country (by international convention, treaty or otherwise).

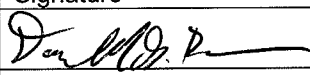
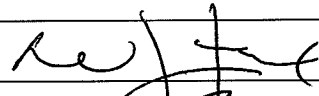
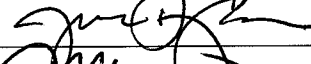

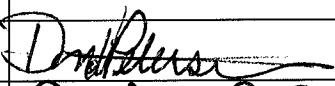
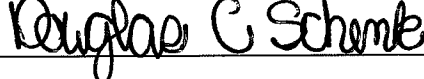
I/We also appoint Parker as my/our common representative to represent me/us before all the competent International Authorities in connection with any and all international applications.

I/We hereby authorize the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue any said patent to Parker in accordance herewith.

I/We hereby covenant that I/we have the full right to convey the entire interests herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I/We agree that each time a request is made, and without undue delay, I/we will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), said application(s) and said patent(s), to Parker, its successors and assigns.

I/We agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and patent(s) shall be held and enjoyed by Parker as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Parker all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Parker; to furnish the Parker with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits that may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and patent(s).

Name of Inventor(s)	Date	Signature
Don Bowman	3/24/10	
Stephen Coppola		
Kenneth W. Cornett		
Dan Funke	3/25/10	
Julian Kamibayashiyama	3/24/10	
Jeff Navarro	3/24/10	
Jeremy M. Payne	✓ 8	
Donald J. Peterson	3/29/10	
Douglas C. Schenk	3/24/2010	

M:\PI\PARK\PIP255IP0057IP255P0057US-ASSIGN.DOC

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

Inventor Name	Address
Don Bowman	3932 Palm Drive, Bonita, CA 91902
Stephen Coppola	188 Athens Street, Boston, MA 02127
Kenneth W. Cornett	5 Fife Court, Ivoryton, CT 06442
Dan Funke	3660 Mission Montana, San Diego, CA 92120
Julian Kamibayashiyama	6840-1 Panamint Row, San Diego, CA 92139
Jeff Navarro	1201 Steiner Drive, Chula Vista, CA 91911
Jeremy M. Payne	208 Alden Avenue, New Haven, CT 06515
Donald J. Peterson	1094 Espuelas Court, Chula Vista, CA 91910
Douglas C. Schenk	2242 Sun Valley Road, Chula Vista, CA 91915

hereby sell(s) and assign(s) to **Parker-Hannifin Corporation** ("Parker"), a company having a place of business at 6035 Parkland Boulevard Cleveland, Ohio 44124-4141, its successors and assigns, the entire worldwide right, title and interest in and to:

i) the invention(s) entitled:

TITLE:	SUBSTRATE PROCESSING APPARATUS WITH COMPOSITE SEAL
--------	---

for which application for Letters Patent of the United States has been filed under:

Application No. (<i>Express Mail Label No.</i>)	
Filing Date (<i>Deposit Date</i>)	

[Authorization is hereby given for any attorney of record in the subject patent application to insert above the application number and filing date information for this application when that information becomes available]

or, if no application is identified above, the application executed concurrently herewith.

ii) said patent application;

iii) any and all provisional patent applications on which priority is claimed;

(iv) any and all related patent application(s) in the United States or a country foreign thereto, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, convention, International (e.g., Patent Cooperation Treaty (PCT)) and other applications based in whole or in part upon said invention(s) or upon said application(s);

v) any and all patents, including renewals, reissues, certificates of reexamination and extensions thereof granted for said invention(s) or upon said application(s); and

Attorney Docket No.: P255P0057US

vi) every priority right that is or may be predicated upon or arise from said invention(s), said application(s) and said patent(s).

I/We additionally authorize Parker to file in my/our name(s), or its own name, applications for patent in any country (by international convention, treaty or otherwise).

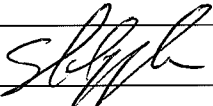
I/We also appoint Parker as my/our common representative to represent me/us before all the competent International Authorities in connection with any and all international applications.

I/We hereby authorize the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue any said patent to Parker in accordance herewith.

I/We hereby covenant that I/we have the full right to convey the entire interests herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I/We agree that each time a request is made, and without undue delay, I/we will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), said application(s) and said patent(s), to Parker, its successors and assigns.

I/We agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and patent(s) shall be held and enjoyed by Parker as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Parker all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Parker; to furnish the Parker with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits that may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and patent(s).

Name of Inventor(s)	Date	Signature
Don Bowman		
Stephen Coppola	3/25/10	
Kenneth W. Cornett		
Dan Funke		
Julian Kamibayashiyama		
Jeff Navarro		
Jeremy M. Payne		
Donald J. Peterson		
Douglas C. Schenk		

M:\PARK\IP\255\0057\P255P0057US-ASSIGN.DOC

Attorney Docket No.: P255P0057US

vi) every priority right that is or may be predicated upon or arise from said invention(s), said application(s) and said patent(s).

I/We additionally authorize Parker to file in my/our name(s), or its own name, applications for patent in any country (by international convention, treaty or otherwise).

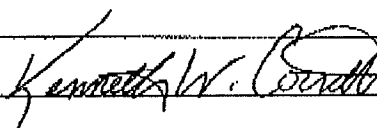
I/We also appoint Parker as my/our common representative to represent me/us before all the competent International Authorities in connection with any and all international applications.

I/We hereby authorize the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue any said patent to Parker in accordance herewith.

I/We hereby covenant that I/we have the full right to convey the entire interests herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I/We agree that each time a request is made, and without undue delay, I/we will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), said application(s) and said patent(s), to Parker, its successors and assigns.

I/We agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and patent(s) shall be held and enjoyed by Parker as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Parker all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Parker; to furnish the Parker with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits that may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and patent(s).

Name of Inventor(s)	Date	Signature
Don Bowman		
Stephen Coppola		
Kenneth W. Cornett	3/25/2010	
Dan Funke		
Julian Kamibayashiyama		
Jeff Navarro		
Jeremy M. Payne		
Donald J. Peterson		
Douglas C. Schenk		

M:\PARKER\P255P0057US-ASSIGN DOC

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

Inventor Name	Address
Don Bowman	3932 Palm Drive, Bonita, CA 91902
Stephen Coppola	188 Athens Street, Boston, MA 02127
Kenneth W. Cornett	5 Fife Court, Ivoryton, CT 06442
Dan Funke	3660 Mission Montana, San Diego, CA 92120
Julian Kamibayashiyama	6840-1 Panamint Row, San Diego, CA 92139
Jeff Navarro	1201 Steiner Drive, Chula Vista, CA 91911
Jeremy M. Payne	208 Alden Avenue, New Haven, CT 06515
Donald J. Peterson	1094 Espuelas Court, Chula Vista, CA 91910
Douglas C. Schenk	2242 Sun Valley Road, Chula Vista, CA 91915

hereby sell(s) and assign(s) to **Parker-Hannifin Corporation** ("Parker"), a company having a place of business at 6035 Parkland Boulevard Cleveland, Ohio 44124-4141, its successors and assigns, the entire worldwide right, title and interest in and to:

i) the invention(s) entitled:

TITLE:	SUBSTRATE PROCESSING APPARATUS WITH COMPOSITE SEAL
--------	---

for which application for Letters Patent of the United States has been filed under:

Application No. (<i>Express Mail Label No.</i>)	
Filing Date (<i>Deposit Date</i>)	

[Authorization is hereby given for any attorney of record in the subject patent application to insert above the application number and filing date information for this application when that information becomes available]

or, if no application is identified above, the application executed concurrently herewith.

ii) said patent application;

iii) any and all provisional patent applications on which priority is claimed;

(iv) any and all related patent application(s) in the United States or a country foreign thereto, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, convention, International (e.g., Patent Cooperation Treaty (PCT)) and other applications based in whole or in part upon said invention(s) or upon said application(s);

v) any and all patents, including renewals, reissues, certificates of reexamination and extensions thereof granted for said invention(s) or upon said application(s); and

Attorney Docket No.: P255P0057US

vi) every priority right that is or may be predicated upon or arise from said invention(s), said application(s) and said patent(s).

I/We additionally authorize Parker to file in my/our name(s), or its own name, applications for patent in any country (by international convention, treaty or otherwise).

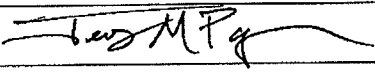
I/We also appoint Parker as my/our common representative to represent me/us before all the competent International Authorities in connection with any and all international applications.

I/We hereby authorize the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue any said patent to Parker in accordance herewith.

I/We hereby covenant that I/we have the full right to convey the entire interests herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I/We agree that each time a request is made, and without undue delay, I/we will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), said application(s) and said patent(s), to Parker, its successors and assigns.

I/We agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and patent(s) shall be held and enjoyed by Parker as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Parker all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Parker; to furnish the Parker with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits that may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and patent(s).

Name of Inventor(s)	Date	Signature
Don Bowman		
Stephen Coppola		
Kenneth W. Cornett		
Dan Funke		
Julian Kamibayashiyama		
Jeff Navarro		
Jeremy M. Payne	3/24/2010	
Donald J. Peterson		
Douglas C. Schenk		

M:\P\ARK\PP255P0057\P255P0057US-ASSIGN.DOC