



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
14/913,834

RECEIPT DATE / TIME
06/22/2023 12:26:25 PM ET

ATTORNEY DOCKET #
PA7TP0069WOAUS

Title of Invention

HOSE FREE SENSOR SYSTEM FOR REFRIGERANT UNIT

Application Information

APPLICATION TYPE	Utility - U.S. National Stage under 35 USC 371	PATENT #	10281183
CONFIRMATION #	2198	FILED BY	Judy Jacobazzi
PATENT CENTER #	62317161	FILING DATE	02/23/2016
CUSTOMER #	49458	FIRST NAMED INVENTOR	Christian D. Parker
INTL. APPLICATION #	-	INTL. FILING DATE	-
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Amir Shenouda

Documents

TOTAL DOCUMENTS: 4

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
10281183_Disclaimer.pdf	1	Statutory disclaimers per Manual of Patent Examining Procedure(MPEP) 1490.	370 KB
10281183_3.73c statement.pdf	2	Assignee showing of ownership per 37 CFR 3.73	1053 KB
Parker_POA.pdf	1	Power of Attorney	44 KB
Parker Intangibles_POA.pdf	1	Power of Attorney	1363 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
10281183_Disclaimer.pdf	E2B0B188977F978BE208C6DFD8E143F60F182CEFECD8754E0AE154D9B6584E3791B912C6A41792CDB46E1198694BDECA47FCAC52810AFC25398B252EC0C38AE
10281183_3.73c statement.pdf	A2CB067B7BB8A5911069764DB43CB6B12E607F83309BCC8CCA3D0FEF51D73B3CF2D81B5E7D26AB78435824117CFFA04B01DE4C0B269DEADF240633400A05BB1F
Parker_POA.pdf	3ADA1AD0B7177D5B5A33036AF02082B5EE981E855BC047F41CB310FA664E2401FEAED7B046CB9A14BDAD113FD8D2D1E966952FF64C5533588059B4AB45168ECD
Parker Intangibles_POA.pdf	EC507E50A0DA278F5A680044A8624597B06ED6C0B40EC0E1AC5C16061C2A530A198A7288A584F9421F3A7851D6C980C13E88CBF183ED0047904AA92CAA2F7291

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

DISCLAIMER IN PATENT UNDER 37 CFR 1.321(a)

Name of Patentee Parker Intangibles LLC	Docket Number (Optional)
Patent Number 10,281,183	Date Patent Issued May 7, 2019
Title of Invention Hose Free Sensor System for Refrigerant Unit	

I hereby disclaim the following complete claims in the above identified patent: 1 and 12

The extent of my interest in said patent is (if assignee of record, state liber and page, or reel and frame, where assignment is recorded): 100% (Real/Frame 050634/0476)

The fee for this disclaimer is set forth in 37 CFR 1.20(d).

- ☐ Patentee claims small entity status. See 37 CFR 1.27.
- ☐ Small entity status has already been established in this case, and is still proper.
- ☐ A check in the amount of the fee is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any fees which may be required or credit any overpayment to Deposit Account No. 132490.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Signed at Chicago, State of Illinois, this 22 day of June, 2023.

/Amir Shenouda/

Signature

67,838

Registration Number, if applicable

Amir Shenouda

Typed or printed name of patentee/ attorney or agent of record

312-913-3359

Telephone Number

300 South Wacker Drive

Address

Chicago, IL, 60606

City, State, Zip Code or Foreign Country as applicable

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(c).

I hereby appoint:



Practitioners associated with Customer Number:

145124

OR



Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignments documents attached to this form in accordance with 37 CFR 3.73(c).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(c) to:



The address associated with Customer Number:

145124

OR

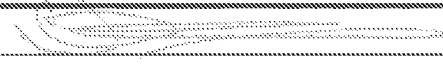
☐	Firm or Individual Name			
	Address			
	City	State	Zip	
	Country			
	Telephone	Email		

Assignee Name and Address: Parker-Hannifin Corporation
6035 Parkland Boulevard, Cleveland, Ohio 44124, United States of America

A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/86 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of The practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date 15 December 2016
Name	Daniel J. Whilman	Telephone 216-896-2049
Title	Assistant Secretary	

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(c).

I hereby appoint:

☒ Practitioners associated with Customer Number: 145124

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

Name	Registration Number

As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(c).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(c) to:

☒ The address associated with Customer Number: 145124

OR

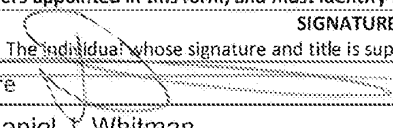
Firm or individual name		
Address		
City	State	Zip
Country		
Telephone		Email

Assignee name and address: Parker Intangibles LLC
6035 Parkland Boulevard, Cleveland, Ohio 44124, United States of America

A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of the practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Signature 	Date June 22, 2023
Name Daniel J. Whitman	Telephone 216-896-2049
Title Assistant Secretary	

This collection of information is required by 37 CFR 1.31, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public, which is to update (and by the USPTO to process) the file of a patent or reexamination proceeding. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 18 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: Parker Intangibles LLC

Application No./Patent No.: 14/913,834 / 10,281,183 Filed/Issue Date: Feb. 23, 2016 / May 7, 2019

Titled: Hose Sensor System for Refrigerant Unit

Parker Intangibles LLC, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1. ☒ The assignee of the entire right, title, and interest.
2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):
- ☐ The extent (by percentage) of its ownership interest is ____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Christian Parker et al. To: Parker-Hannifin Corporation

The document was recorded in the United States Patent and Trademark Office at
Reel 037812, Frame 0466, or for which a copy thereof is attached.

2. From: Parker-Hannifin Corporation To: Parker Intangibles LLC

The document was recorded in the United States Patent and Trademark Office at
Reel 050634, Frame 0476, or for which a copy thereof is attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

4. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

5. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

6. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

- ☒ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Amir M. Shenouda/

Signature

Amir M. Shenouda

Printed or Typed Name

June 22, 2023

Date

67838

Title or Registration Number

[Page 2 of 2]



ELECTRONIC PAYMENT RECEIPT

APPLICATION #
14/913,834

RECEIPT DATE / TIME
06/22/2023 12:26:25 PM ET

ATTORNEY DOCKET #
PA7TP0069WOAUS

Title of Invention

HOSE FREE SENSOR SYSTEM FOR REFRIGERANT UNIT

Application Information

APPLICATION TYPE Utility - U.S. National Stage under 35 USC 371

PATENT # 10281183

CONFIRMATION # 2198

FILED BY Judy Jacobazzi

PATENT CENTER # 62317161

AUTHORIZED BY Amir Shenouda

CUSTOMER # 49458

FILING DATE 02/23/2016

INTL. APPLICATION # -

INTL. FILING DATE -

CORRESPONDENCE ADDRESS -

FIRST NAMED INVENTOR Christian D. Parker

Payment Information

PAYMENT METHOD
CARD / 1002

PAYMENT TRANSACTION ID
E20236LC28375406

PAYMENT AUTHORIZED BY
Amir Shenouda

PRE-AUTHORIZED ACCOUNT
132490

PRE-AUTHORIZED CATEGORY
37 CFR 1.20 (Post Issuance fees); 37 CFR 1.19 (Document supply fees); 37 CFR 1.21 (Miscellaneous fees and charges); 37 CFR 1.17 (Patent application and reexamination processing fees)

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
1814	STATUTORY DISCLAIMER, INCLUDING TERMINAL DISCLAIMER	170.00	1	170.00
TOTAL AMOUNT:				\$170.00

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New Applications Under 35 U.S.C. 111

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