

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| | |
|---|--------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Yun-Chich "Jack" LIN | 02/01/2010 |
| 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 | |
| Property Type | Number |
| Application Number: | 12698506 |
| CORRESPONDENCE DATA | |
| Fax Number: | (216)621-6165 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 2166211113 |
| Email: | mbaltz@rennerotto.com |
| Correspondent Name: | Kenneth W. Fafrak |
| Address Line 1: | Renner, Otto, Boisselle & Sklar, LLP |
| Address Line 2: | 1621 Euclid Ave., 19th Fl. |
| Address Line 4: | Cleveland, OHIO 44115 |
| ATTORNEY DOCKET NUMBER: | P353P0016USA |
| NAME OF SUBMITTER: | Kenneth W. Fafrak |
| Total Attachments: 2 source=P353P0016USA-ASSN_signed#page1.tif source=P353P0016USA-ASSN_signed#page2.tif | |

OP \$40.00 12698506

ASSIGNMENT

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

| | |
|----------------------|--|
| Inventor Name | Address |
| Yun-Chich "Jack" Lin | 264 Peachtree Drive E. Norwich NY 11732 |

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: | Robust Rotational Position Alignment Using a Relative Position Encoder |
|--------|--|

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

| | |
|---|------------------|
| Application No. (<i>Express Mail Label No.</i>) | 12/698,506 |
| Filing Date (<i>Deposit Date</i>) | February 2, 2010 |

[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

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.

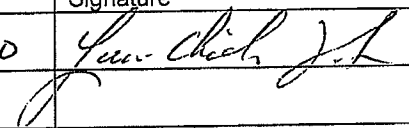
I/We hereby authorize the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue any said patent to Parker in accordance herewith.

Attorney Docket No.: P353P0016USA

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 |
|----------------------|--------------|--|
| Yun-Chich "Jack" Lin | Feb 01, 2010 |  |
| | | |
| | | |

M:\PI\PARK\PIP357IP0016IP357P0016USA\IP357P0016USA-ASSGN.DOC