PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3060899

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------|----------------|
| GUANGHUI LI | 06/25/2014 |

RECEIVING PARTY DATA

| Name: | FANUC CORPORATION |
|-------------------|-----------------------------|
| Street Address: | 3580, SHIBOKUSA AZA-KOMANBA |
| Internal Address: | OSHINO-MURA |
| City: | MINAMITSURU-GUN, YAMANASHI |
| State/Country: | JAPAN |
| Postal Code: | 401-0597 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14511428 |

CORRESPONDENCE DATA

Fax Number: (703)518-5499

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: bjhgroup@ipfirm.com

Correspondent Name: LOWE HAUPTMAN & HAM, LLP

Address Line 1: 2318 MILL ROAD SUITE 1400

Address Line 4: ALEXANDRIA, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 4952-229 | |
|-------------------------|------------------------|--|
| NAME OF SUBMITTER: | BENJAMIN J. HAUPTMAN | |
| SIGNATURE: | /Benjamin J. Hauptman/ | |
| DATE SIGNED: | 10/10/2014 | |

Total Attachments: 1

source=4952-229 Assignment#page1.tif

PATENT 503014299 REEL: 033929 FRAME: 0307

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

| i) Guanghui Li | | |
|--|--|--|
| 2) | | |
| 3) | | |
| who has made a certain new and useful invention, hereby sells, assigns an | d transfers unto | |
| FANUC Corporation | | |
| having a place of business at 3580, Shibokusa Aza-Komanba, O | shino-mura, Minamitsuru-gun, | |
| Yamanashi, 401-0597 Japan | | |
| its successors and assigns (hereinafter designated "ASSIGNEE") the entire as defined in 35 U.S.C. 100 in the invention entitled | right, title and interest for the United States of America | |
| TOOL CHANGER PROVIDED WITH COVERS | | |
| | | |
| (a) for which an application for United States Letters Patent was filed identified by United States Patent Application No. | on, and | |
| (b) for which an application for United States Letters Patent was executed the state of the stat | ited on | |
| and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE; | | |
| AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred. | | |
| SIGNED on the date indicated aside my signature: | | |
| 1) Caranghui Li Name: Guanghui I.N | June 25, 2014 Date: | |
| 2)Name: | Date: | |

Date:

PATENT REEL: 033929 FRAME: 0308

RECORDED: 10/10/2014