504080221 11/03/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4126889

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| ELI CHARLES SHARE | 10/05/2016 |
| DANIEL JOHN BLYTHE | 10/06/2016 |
| EDWARD PCHOLA | 10/05/2016 |

RECEIVING PARTY DATA

| Name: | ROBERT BOSCH TOOL CORPORATION |
|-----------------|-------------------------------|
| Street Address: | 2800 SOUTH 25TH AVENUE |
| City: | BROADVIEW |
| State/Country: | ILLINOIS |
| Postal Code: | 60155 |
| Name: | ROBERT BOSCH GMBH |
| Street Address: | POSTFACH 30 02 20 |
| City: | STUTTGART |
| State/Country: | GERMANY |
| Postal Code: | 70442 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29562271 |

CORRESPONDENCE DATA

Fax Number: (317)638-2139

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.

Phone: 317-638-2922

Email: DOCKETING@MAGINOT.COM
Correspondent Name: MAGINOT, MOORE & BECK LLP
Address Line 1: ONE INDIANA SQUARE, SUITE 2200
Address Line 4: INDIANAPOLIS, INDIANA 46204

| ATTORNEY DOCKET NUMBER: | 1576-1899 |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | CHARLES B. PHILLIPS |
| SIGNATURE: | /Charles B. Phillips/ |

PATENT 504080221 REEL: 040212 FRAME: 0664

| DATE SIGNED: | 11/03/2016 | |
|---|------------|--|
| Total Attachments: 5 | | |
| source=DP364558-PT-RT_1576-1899_Assignment_signed#page1.tif | | |
| source=DP364558-PT-RT_1576-1899_Assignment_signed#page2.tif | | |
| source=DP364558-PT-RT_1576-1899_Assignment_signed#page3.tif | | |
| source=DP364558-PT-RT_1576-1899_Assignment_signed#page4.tif | | |
| source=DP364558-PT-RT_1576-1899_Assignment_signed#page5.tif | | |

PATENT REEL: 040212 FRAME: 0665

ASSIGNMENT

Pursuant to our obligation to Robert Bosch Tool Corporation (hereinafter

referred to as "Assignee"), having its principal place of business at:

2800 South 25th Avenue

Broadview, IL 60155

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,

we:

Eli Charles Share

610 Earl Drive

Northfield, IL 60093

Daniel John Blythe

638 E. Pennsylvania Drive

Palatine, IL 60074

Edward Pchola

104 S. We Go Trail

Mount Prospect, IL 60056

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors

and assigns, except as set forth below, our entire right, title and interest -

(1) in and to an invention entitled "Three Dimensional Printer" for which we

have executed a United States patent application, said United States application being

assigned U.S. Serial 29/562, 271 filed on April 25, 2016;

(2) in and to said United States patent application, in and to all other patent

applications (including divisional, continuation, continuation-in-part, §111(b) provisional,

§111(a), reissue applications, and international patent applications designating the United

States) based upon said invention, and in and to the patent or patents to be granted thereon,

including reissues thereof, if any, to the full end of the term or terms for which said patent or

patents may be granted; and

Page 1 of 5

PATENT

REEL: 040212 FRAME: 0666

(3) in and to all patent applications on said invention now or hereafter filed in

countries foreign to the United States of America, including patent applications filed under

the Patent Cooperation Treaty, the European Patent Convention or any other international

treaty, and including the right to claim priority of said United States application, and in and to

any and all patents granted on said applications to the full end of the terms for which said

patents may be granted.

We hereby agree that we will, upon demand of Assignee, its successors or

assigns, and without further consideration to us, execute any and all papers that may be

necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete

fulfillment of the intent and purposes of this Assignment, it being understood that any

expense incident to the execution of such papers shall be paid by Assignee, its successors and

assigns, and not by us.

The foregoing notwithstanding, and in recognition of the fact that Assignee is

part of the Bosch group of companies, we hereby assign to Robert Bosch GmbH, a German

corporation having a mailing address at Postfach 30 02 20, D-70442 Stuttgart, GERMANY,

the limited right to be named as assignee or applicant at the time of publication and at the

time of issue on any applications or patents granted as referred to in foregoing paragraphs (2)

and (3). If the right applicable to any such patent application allows an assignee to be the

applicant of the patent application, Robert Bosch GmbH shall have the right to be identified

as applicant of the patent application and the right to claim priority of said United States

application. This limited right granted to Robert Bosch GmbH with respect to any patent

application or granted patent shall expire upon the first-occurring of (i) assignment to a third

party of any of the above-mentioned rights of Assignee, or (ii) with respect to any particular

patent, issue of such patent, and shall be subsequently part of the assignable rights of

Assignee. All other rights to said invention, said applications and said patents, U.S. or

Page 2 of 5

PATENT REEL: 040212 FRAME: 0667

foreign, including the right under any of said patents to manufacture, use, sell or offer for sale the invention covered by said patents, or to license or permit use of said invention, remain with Assignee and shall be assignable by Assignee without the consent of Robert Bosch GmbH.

Date: 05-001-2016

Eli Chares Share

Date: 10/6/16

Daniel John Blythe

Date: 10/5/2016

Edward Robols

Page 5 of 5