# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4189532

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

#### **CONVEYING PARTY DATA**

| Name         | Execution Date |
|--------------|----------------|
| REN-YOU SHIH | 12/12/2016     |

## **RECEIVING PARTY DATA**

| Name:           | TRANSWORLD STEEL ENTERPRISE CO., LTD. |  |
|-----------------|---------------------------------------|--|
| Street Address: | NO.34, GONGYE 14TH RD., DALI DIST.    |  |
| City:           | TAICHUNG CITY                         |  |
| State/Country:  | TAIWAN                                |  |
| Postal Code:    | 412                                   |  |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15382590 |

### **CORRESPONDENCE DATA**

**Fax Number:** (301)551-5128

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.

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| ATTORNEY DOCKET NUMBER: | TW-WWA-1306 |
|-------------------------|-------------|
| NAME OF SUBMITTER:      | MING CHOW   |
| SIGNATURE:              | /MING CHOW/ |
| DATE SIGNED:            | 12/16/2016  |

## **Total Attachments: 2**

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PATENT 504133246 REEL: 040653 FRAME: 0437

# ASSIGNMENT DEED

| s assignment agreement is applicable  | e to an invention entitled (in           | vention title)                               |
|---|--|--|
| ALVE DEVICE CAPABLE OF  | FAST SWITCHING AN                        | ND FINE ADJUSTMENT OF FLOW                   |
| = =   | ention, executed by the ASS              | IGNOR(S) concurrently with this Agreement.   |
| U.S. Patent Application Serial N  |  |  |
| U.S. patent No.   | , issued on                              | •  |
| The PATENT RIGHT assigned und   | er this agreement is:                    |  |
| ☐ U.S. Patent rights only   |  |  |
| X worldwide Patent rights (the assi<br>U.S. Patent Application identified a |  | claim the benefit for the filing date of any |
| The ASSIGNOR(S) referred to in the  | nis agreement is (or are):               |  |
| Ren-You Shih  |  | (full name of first assignor)                |
| NO.34, GONGYE 14TH RD.  | <u>, DALI DIST., TAICHU</u>              | UNG CITY 412, TAIWAN (address)               |
|   |  | (full name of second assignor)               |
|   |  | (address)                                    |
|   |  | (full name of third assignor)                |
|   |  | (address)                                    |
|   |  | (full name of fourth assignor)               |
|   |  | (address)                                    |
| The First ASSIGNEE referred to in TRANSWORLD STEEL EN                       | this agreement is:<br>TERPRISE CO., LTD. | (full name of first assignee)                |
| NO.34, GONGYE 14TH RD   | ., DALI DIST., TAICHU                    | JNG CITY 412, TAIWAN (address                |
| Is (check one):   an individual   | ☐ a partnership                          | X a Corporation of Taiwan (State or Country) |
| The Second ASSIGNEE referred to   | -  |  |
| <del>-</del>  |  | (full name of second assigned                |
|   |  | (address                                     |
| Is (check one):   an individual   | a partnership                            | a Corporation of (State or Country)          |
| The Third ASSIGNEE referred to it   | n this agreement is:                     | (State of Country)                           |
|   |  | (full name of third assignee)                |
|   |  | (address                                     |
| Is (check one): ☐ an individual   | a partnership                            | a Corporation of                             |
| is (check one): i an marviduar  |  | (State or Country)                           |

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### ASSIGNMENT DEED

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE, their successors and assigns:

the full and exclusive right to the invention;

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention; all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and

the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, and facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain an enforced proper protection for said invention.

| 3包4支                                  | Dec. 12, 2016 |
|---------------------------------------|---------------|
| (Signature of sole or first assignor) | (Date)        |
| (Signature of second assignor)        | (Date)        |
| (Signature of third assignor)         | (Date)        |
| (Signature of fourth assignor)        | (Date)        |

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