

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5530419

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AWAD GHARIB	10/16/2016
MUNISWAMAPPA ANJANAPPA	10/16/2016
PRANAV SANGHAVI	10/16/2016
RECEIVING PARTY DATA	
Name:	THE ESAB GROUP INC.
Street Address:	181 E. EVANS STREET
Internal Address:	SUITE 18
City:	FLORENCE
State/Country:	SOUTH CAROLINA
Postal Code:	29506
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	62220544
Application Number:	15915374
PCT Number:	US2016052068
CORRESPONDENCE DATA	
Fax Number:	(301)762-4056
<i>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.</i>	
Phone:	301-424-3640
Email:	epatent@usiplaw.com
Correspondent Name:	EDELL, SHAPIRO & FINNAN, LLC
Address Line 1:	9801 WASHINGTONIAN BLVD.
Address Line 2:	SUITE 750
Address Line 4:	GAITHERSBURG, MARYLAND 20878
ATTORNEY DOCKET NUMBER:	1485.0050C
NAME OF SUBMITTER:	LAWRENCE D. EISEN
SIGNATURE:	/Lawrence D. Eisen/
DATE SIGNED:	05/20/2019

Total Attachments: 4

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ASSIGNMENT
(Joint)

Awad GHARIB, Muniswamappa ANJANAPPA, and Pranav SANGHAVI (each referred to as "Assignor") have invented an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled PRINTED CIRCUIT BOARD ARRANGEMENT FOR WELDING AND CUTTING APPARATUS, and which is a:

- (1) provisional application
- (a) to be filed herewith; or
- (b) bearing US Provisional Application No. 62/220,544 filed on September 18, 2015; and
- (2) non-provisional international application
- (a) to be filed herewith; or
- (b) bearing PCT International Application No. PCT/US2016/052068, filed on September 16, 2016.

WHEREAS, THE ESAB GROUP, INC., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 181 East Evans Street, Suite 18, Florence, South Carolina (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to these application(s); any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of Edell, Shapiro & Finnan, LLC to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Witnessed by: _____

Name: _____

By: 

Name: **Awad GHARIB**

Date: October 16, 2016

Witnessed by: _____

Name: _____

By: _____

Name: **Muniswamappa ANJANAPPA**

Date: October 16, 2016

Witnessed by: _____

Name: _____

By: _____

Name: **Pranav SANGHAVI**

Date: October 16, 2016

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Name: _____

By: _____

Name: Awad GHARIB

Date: October 16, 2016

Witnessed by: _____

Name: _____

By: M. Anjaappa

Name: Muniswamappa ANJANAPPA

Date: October 16, 2016

Witnessed by: _____

Name: _____

By: _____

Name: Pranav SANGHAVI

Date: October 16, 2016

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Name: _____ Name: **Muniswamappa ANJANAPPA**
Date: October 16, 2016

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Name: _____ Name: **Pranav SANGHAVI**
Date: October 16, 2016