502799118 05/07/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2845713

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
COLIN CLINCH	04/11/2008
MARCEL AESCHLIMANN	04/17/2008
MARIO LEHMANN	04/17/2008
LAURENT TORRIANI	04/27/2008

RECEIVING PARTY DATA

Name:	WOODWELDING AG	
Street Address:	MUHLEBACH 2	
City:	STANSSTAD	
State/Country:	SWITZERLAND	
Postal Code:	6362	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14271783

CORRESPONDENCE DATA

Fax Number: (216)566-9711

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

US Mail.

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Correspondent Name: RANKIN, HILL & CLARK LLP

Address Line 1: 38210 GLENN AVE.

Address Line 4: WILLOUGHBY, OHIO 44094

ATTORNEY DOCKET NUMBER:	FRG-17161.02.02	
NAME OF SUBMITTER:	DAVID E. SPAW	
SIGNATURE:	/David E. Spaw/	
DATE SIGNED:	05/07/2014	

Total Attachments: 4

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PATENT 502799118 REEL: 032841 FRAME: 0273

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ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

METHOD FOR ANCHORING A JOINING ELEMENT IN AN OBJECT AND JOINING ELEMENT TO BE USED IN THE METHOD

that are the subject of an application for a U.S. Patent, (Application Number 11/962292, filed December 21, 2007), which application is further identified as Rankin, Hill, Porter & Clark LLP Docket No. FRG-17161.001.

WHEREAS, WOODWELDING AG, a corporation of Switzerland, and having a place of business at Bundesstrasse 3, CH-6304 Zug, Switzerland, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to; end under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill, Porter & Clark LLP the power to insert on this assignment any identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Page 1 of 2

PATENT REEL: 032841 FRAME: 0274 IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

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. (2) Inve	entor Name (joint);	Marcel Adsen	/ limann
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(4) Inve	ntor Name (joint):	Laurent Torris	ni
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Page 2 of 2

From: WW Technology AG

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ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

METHOD FOR ANCHORING A JOINING ELEMENT IN AN OBJECT AND JOINING ELEMENT TO BE USED IN THE METHOD

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WHEREAS, WOODWELDING AG, a corporation of Switzerland, and having a place of business at Bundesstrasse S, CH-6304 Zug, Switzerland, hereinafter referred to as "assignes", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW. THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby scknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's cartificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all relesues and extensions thereof, all right to sue for past infilingement thereinder, all patents which may be granted for said improvements and inventions by states of nations other than the United States, or by other authority, entity, or organization, and all applications therefor, here been and are hereby and inventions, and all applications therefor, here been and are hereby and legal representatives of the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at analgnesis request any and all applications, affidavitis, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignes, its successors or assigns, any improvement, inventions, right, this, interest, application, patent, patent right or other right or property covered by this easignment, and the united states Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignes as owner of the batter patents of foreign countries are hereby, authorized to issue any letters patent granted on any of said applications to assignes as owner of the batters of foreign countries are hereby, authorized to issue any letters patent granted on any of said applications to assignes as owner of the batters of foreign countries are hereby.

The undersigned hereby grants the firm of Rankin, Hill, Porter & Clark LLP the power to insert on this assignment any identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Page 1 of 2

PATENT REEL: 032841 FRAME: 0276 From: WW Technology AG

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IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

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(1) Inventor Name Golnt): Celln Clinch Signature: Am Off Clinch Today's Date: 11 April 2008
Signature:
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(2) Inventor Name (joint): Maicel Assoriilmann
Signature;
Today's Date:
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A share fairly Marin Lehmann
(3) Inventor Name (eint): Merio Lehmann Signature;
Signature;
Today's Date:
Witness Simblust PERNINA ENST Witness N. Weyhraudy NANCY WESHEAUCH
NAMES NAMES WESTERNICH
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(4) Inventor Name (joint): Leurent Tortiari Signature:
(4) Principles Tooman
Zerfayle Dele: 21, 04, 2008
/ I Dury S Francis
PERNILLA KUST
Witness: N. Wegnraudy Narvey WEYHRAUCH
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Page 2 of 2

PATENT REEL: 032841 FRAME: 0277