PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2901101

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SVEN HEINECKE	12/15/2011
INGO MAERZ	12/19/2011
HOLGER OPPELT	12/19/2011
ROLAND GOLZ	12/19/2011
FRANK LANDGRAF	01/12/2012
ALOIS BOINDECKER	12/19/2011
THOMAS RATHNER	12/13/2011
ALEXANDER SCHNEEBERGER	12/19/2011
ALOIS WIESINGER	12/22/2011

RECEIVING PARTY DATA

Name:	KSM CASTINGS GMBH
Street Address:	CHERUSKERRING 38
City:	HILDESHEIM
State/Country:	GERMANY
Postal Code:	D-31137
Name:	FILL GESELLSCHAFT M.B.H.
Name: Street Address:	FILL GESELLSCHAFT M.B.H. FILLSTRASSE 1
Street Address:	FILLSTRASSE 1

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14306452

CORRESPONDENCE DATA

Fax Number: (516)365-9805

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: 516-365-9802

Email: fdorchak@collardroe.com

Correspondent Name: FREDERICK J. DORCHAK, ESQ.

PATENT

502854504 REEL: 033117 FRAME: 0137

Address Line 1: Address Line 4:		NORTHERN BOULEVARD LYN, NEW YORK 11576
ATTORNEY DOCKET NUMBER:	:	HEINECKE ET AL-1 PCT DIV
NAME OF SUBMITTER:		FREDERICK J. DORCHAK
SIGNATURE:		/Frederick J. Dorchak/
DATE SIGNED:		06/17/2014
Total Attachments: 4		
source=ExecutedAssignment#pag	ge1.tif	
source=ExecutedAssignment#page2.tif		
source=ExecutedAssignment#page3.tif		
source=ExecutedAssignment#page4.tif		

PATENT REEL: 033117 FRAME: 0138

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

iame and iddress of issignee

KSM Castings GmbH

and

Fill Gesellschaft m.b.H.

Cheruskerring 38

Fillstrasse 1

D-31137 Hildesheim, Germany

A-4942 Gurten, Austria

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention

SYSTEM AND METHOD FOR CASTING

as set forth in his United States Patent Application

check one	[]	executed concurrently herewith			
	[_	executed on			
		K]	PCT No. PCT/DE2010/000780 filed July 7, 2010			

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the unsigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he will communicate to said ASSIGNEB, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEB, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions or continuations thereof and to any and all

PATENT REEL: 033117 FRAME: 0139 Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, resissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of COLLARD & ROE, P.C., 1077 Northern Boulevard, Roslyn, New York 11576, U.S.A., the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ames and	<u> </u>
gnatures l'inventors	Name: Sven HEINECKE Date: *
	15 pr pr
	<u>× 1918 V</u> U
•	Name: Holger OPPELT Date: x 19, 12011
	:
	Name: Frank LANDGRAF Date: K
	X
	Name: Thomas RATHNER Date:
	·

Name: Alois WIESINGER

Date: N

Name: Alois BOINDECKER

Date: X

Name: Alois BOINDECKER

Date: X

Name: Alexander SCHNEEBERGER

Date: X

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

rame and iddress of issignee

KSM Castings GmbH

and

Fill Gesellschaft m.b.H.

Cheruskerring 38

Fillstrasse 1

D-31137 Hildeshelm, Germany

A-4942 Gurten, Austria

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his Invention relating to

title of Invention

SYSTEM AND METHOD FOR CASTING

as set forth in his United States Patent Application

eheck ono	[]	executed concurrently herewith
	[]	executed on
	[X]	PCT No. PCT/DE2010/000780 filed July 7, 2010

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the unsigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEB, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he will communicate to said ASSIGNEB, its successors, legal representatives or assigns all information known to him felating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEB, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions or continuations thereof and to any and all

PATENT

REEL: 033117 FRAME: 0141

Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, resissuing or enfercing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of COLLARD & ROE, P.C., 1077 Northern Boulevard, Roslyn, New York 11576, U.S.A., the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this

ames and	
gnatures	ľ
fluventors	Ι

lane: Sven HEINECKE Date: 💉

Name: Ingo MAERZ Date: X

Name: Holger OPPELT Date: X

Name: Frank LANDGRAF Date: x12.01.2012

Name: Thomas RATHNER

Date: A 13 12.20M

Date: 122. 12. 2011

Name: Roland GOLZ

Alois BOINDECKER Date: X 19.12. ROM

Name: Alexander SCHNEEBERGER

12 2011

RECORDED: 06/17/2014

REEL: 033117 FRAME: 0142