504461548 07/18/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

c Version v1.1 EPAS ID: PAT4508249

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CARL ZEISS AG	06/01/2017

RECEIVING PARTY DATA

Name:	CARL ZEISS INDUSTRIELLE MESSTECHNIK GMBH
Street Address:	CARL-ZEISS-STRASSE 22
City:	OBERKOCHEN
State/Country:	GERMANY
Postal Code:	73447

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15439150

CORRESPONDENCE DATA

Fax Number: (248)641-0270

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: 248-641-1600

Email: troymailroom@hdp.com, bhalabis@hdp.com

Correspondent Name: HARNESS, DICKEY & PIERCE, P.L.C.

Address Line 1: P.O. BOX 828

Address Line 4: BLOOMFIELD HILLS, MICHIGAN 48303

ATTORNEY DOCKET NUMBER:	17272M-000101-US
NAME OF SUBMITTER:	CHRISTOPHER M. BROCK
SIGNATURE:	/Christopher M. Brock/
DATE SIGNED:	07/18/2017

Total Attachments: 2

source=Assignment-CZ_AG_to_CZ_Industrielle#page1.tif source=Assignment-CZ_AG_to_CZ_Industrielle#page2.tif

PATENT 504461548 REEL: 043032 FRAME: 0902

Assignment

Whereas, I/We, Carl Zeiss AG, having a place of business at Carl-Zeiss-Strasse 22, 73447 Oberkochen, Germany, hereinafter called assignor, is/will become the assignee of record of the entire right, title and interest in an application for Letters Patent of the United States entitled

Method and apparatus for determining a defocussing value and for image-based determination of a dimensional size

and of the invention disclosed therein; and

Whereas, Cari Zeiss Industrielle Messtechnik GmbH, having a place of business at Carl-Zeiss-Straße 22, 73447 Oberkochen, Germany, hereinafter called assignee, desires to acquire the entire right, title, and interest in the application and the invention disclosed therein, and to any United States patents to be obtained therefor;

Therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor, hereby state as follows:

To the extent that my/our entire right, title and interest in the application and the invention disclosed therein have not transferred to the assignee by virtue of applicable law and/or contract, I/we hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire/remaining, present/expectant right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisionals and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119; and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

PATENT REEL: 043032 FRAME: 0903 I/We hereby authorize and request the attorneys of Harness, Dickey & Pierce P.L.C., P.O. Box 828, Bloomfield Hills, Michigan 48303, USA to insert here in parentheses (Application number 15/439150, filed February 22, 2017 and Confirmation number 7867) the application number and filing date of said application when known.

	Eschalded (V.J. 175) Signature(s)	June OX, 2017
	i V. Brandstetter i-V. Bokmi Typed or printed name(s)	
	Authorized clerks Title of person(s) signing	
	Carl Zeiss AG	
	Assignor name	
Witnessed by:	S. PloHa	Juge 1, 2017
	Signature Sandra HoHq Typed or printed name	Dafé
Witnessed by:	S. Sportedt	june 1, 2017
	Signature ,	Pate
	Saral Sperfeldt Typed or printed name	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

RECORDED: 07/18/2017

PATENT REEL: 043032 FRAME: 0904