PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5190035

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS BURKHARDT	08/20/2018
RALPH BAUER	08/30/2018

RECEIVING PARTY DATA

Name:	BALLUFF GMBH
Street Address:	SCHURWALDSTRASSE 9
City:	NEUHAUSEN A.D.F.
State/Country:	GERMANY
Postal Code:	D-73765

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16076417

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.

Address Line 1: 1077 NORTHERN BOULEVARD

Address Line 4: ROSLYN, NEW YORK 11576

ATTORNEY DOCKET NUMBER:	BURKHARDT ET AL - 5 PCT
NAME OF SUBMITTER:	FREDERICK J. DORCHAK
SIGNATURE:	/Frederick J. Dorchak/
DATE SIGNED:	10/16/2018

Total Attachments: 1

source=Assignment#page1.tif

PATENT 505143269 REEL: 047176 FRAME: 0263

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

name and address of assignee

Balluff GmbH

Schurwaldstrasse 9

D-73765 Neuhausen a.d.F., Germany

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

METHOD FOR DATA TRANSMISSION BY MEANS OF AN ABSOLUTE POSITION MEASUREMENT SYSTEM, ABSOLUTE POSITION MEASUREMENT SYSTEM AND COMPUTING DEVICE

	as set i	forth in his	United States Patent Application			
check one	[]	executed	concurrently herewith			
check one		executed	on			
	[X]	PCT No.	PCT/DE2016/100058	filed	February 9, 2016	

and 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 ASSIGNEE, 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 ASSIGNEE, 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 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.

paines and signatures. Name: of inventors. Date:

Thomas BURKHARDT

2018-08-50

Name: Ralph BAUER

Dato: 2017-07-30

PATENT REEL: 047176 FRAME: 0264

RECORDED: 10/16/2018