01PE 0 10-18	3-2001
FORM PTO 1595 OCT 0 9 2001 RE	ET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Compission of Patento and Trademark	ks: Please record the attached original documents or copy thereof.
1. Name of conveying party(les): Martin Kurz, Manfred Muenzl and Markus Weinmann	Name and address of receiving party(ies): Name: Balluff GmbH Internal Address:
\mathbf{x}	memar Address.
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance:	
x Assignment Merger	Street Address: 21-25 Gartenstrasse
Security Agreement Change of Name	City: 73765 Neuhausen Country: Germany
Other 9/14/01-Muenzl and Weinmann Execution Date: 9/18/01-Kurz	Additional name(s) & address(es) attached? Yes No
Application number(s) or patent number(s): If this document is being filed together with a new application.	
A. Patent Application No(s).	B. Patent No(s).
29/145,462 Additional numbers 5. Name and address of party to whom correspondence	processing the state of the sta
concerning document should be mailed: Name: Barry R. Lipsitz	Total number of applications and patents involved:
Internal Address:	7. Total fee (37 CFR 3.41)\$ 40.00
	Authorized to be charged to deposit account
Street Address: 755 Main Street	Deposit account number: The Commissioner is hereby authorized to charge any deficiency in the payment of the required fee(s) or credit any overpayment to
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/11/2001 MABRHAM1 00000101 29145462 DO NOT	USE THIS SPACE
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9. Statement and signature. To the best of my knowledge and belief, the foregoing inform original document. **To the best of my knowledge and belief, the foregoing inform original document.** **To the best of my knowledge and belief, the foregoing inform original document.** **To the best of my knowledge and belief, the foregoing inform original document.** **To the best of my knowledge and belief, the foregoing inform original document.** **To the best of my knowledge and belief, the foregoing inform original document.** **To the best of my knowledge and belief, the foregoing inform original document.** **To the best of my knowledge and belief, the foregoing inform original document.** **To the best of my knowledge and belief, the foregoing inform original document.**	ation is true and correct and any attached copy is a true copy of the
Barry R. Lipsitz	October 5, 2001
Name of Person Signing	Signature Date
Total number of pag	ges including cover sheet, attachments and document:

PATENT REEL: 012248 FRAME: 0937

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we the undersigned,

Martin Kurz, Manfred Muenzl and Markus Weinmann

who, has/have created a certain invention for which an application for United States Letters Patent has been:

[] executed concurrently herewith

[x] filed on July 24, 2001 and assigned application number 29/145,462 and is entitled:

POSITION SENSOR

Do hereby sell, assign and transfer to:

Balluff GmbH

referred to herein as "Assignee", whose address is:

21-25 Gartenstrasse 73765 Neuhausen Germany

its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto (including prior filed provisional applications) which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that Assignee may apply for and receive in its own name Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

PATENT REEL: 012248 FRAME: 0938 **Application No.:** 29/145,462

Title of Invention: POSITION SENSOR

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our signature(s) on the date(s) indicated below.

Zacelle	- Machin Clan	(L.S.)
(Witness) Signature	Martin Kurz	
Name of Witness Printed	01/09/18	
Name of Witness Printed	Date	
accede	I who lind	(L.S.)
(Witness) Signature	Manfred Muenzl	
Name of Witness Printed	01/09/14	
Name of Witness Printed	Date	
5 me	Mexan Minance	(L.S.)
(Witness) Signature	Markus Weinmann	
They Wei wheath	01-09-14	

Date

Attorney Docket No.: HOE-629

Name of Witness Printed

RECORDED: 10/09/2001

PATENT REEL: 012248 FRAME: 0939