

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	12/01/2009
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
RENCO ENCODERS, INC.	07/19/2010
<b>RECEIVING PARTY DATA</b>	
Name:	HEIDENHAIN CORPORATION
Street Address:	333 State Parkway
City:	Schaumburg
State/Country:	ILLINOIS
Postal Code:	60173
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Patent Number:	7199354
<b>CORRESPONDENCE DATA</b>	
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ATTORNEY DOCKET NUMBER:	10901/84
NAME OF SUBMITTER:	Clifford A. Ulrich
Total Attachments: 3 source=Assignment-Renco_executed#page1.tif source=Assignment-Renco_executed#page2.tif	

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**PATENT**  
**REEL: 024710 FRAME: 0916**



## ASSIGNMENT

WHEREAS, Renco Encoders, Inc., hereinafter called the "Assignor", previously having a place of business at 26 Coromar Drive, Goleta, California, a corporation organized under the laws of the State of Delaware, was the owner of the entire right, title and interest of U.S. Patents Nos. 7,470,889 and 7,205,530 and the inventions disclosed therein and a partial owner of the entire right, title and interest of U.S. Patent No. 7,199,354 and the inventions disclosed therein, including the full right to claim all benefits and priority rights and the right to recover all damages by reason of past, present, or future infringement or any other violation of patent or patent application rights (hereinafter collectively called "the Renco patents and inventions");

WHEREAS, Heidenhain Corporation, a corporation organized and existing under the laws of the State of Illinois, having a place of business at 333 State Parkway, Schaumburg, Illinois, hereinafter called the "Assignee", desires to acquire Assignor's entire right, title and interest in and to the Renco patents and inventions identified above, and all patents which may be obtained for said inventions, as set forth below;


NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred to the Assignee, *nunc pro tunc* as of December 1, 2009, Assignor's entire right, title and interest for the United States in and to the Renco patents and inventions identified above, and any patents that may issue for said inventions in the United States; together with Assignor's entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent applications and patents identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the inventions identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

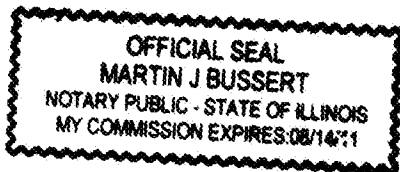
DATED: 7/19/10

  
Rick Korte  
President - Renco Encoders, Inc. as of  
December 1, 2009

STATE OF ILLINOIS       )  
                                      ) ss.  
COUNTY OF COOK       )

I, MARTIN BUSSERT, a Notary Public in and for the County and State aforesaid, do hereby certify that Rick Korte, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this  
19<sup>th</sup> day of July 2010.



Martin J. Bussert  
Notary Public

My Commission Expires: 8/14/11