

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WILLIAM P. NIRO	10/22/2014
BRIAN WINTER	01/13/2015
RECEIVING PARTY DATA	
Name:	NIDEC AVTRON AUTOMATION CORPORATION
Street Address:	7555 EAST PLEASANT VALLEY
Internal Address:	BUILDING 100
City:	INDEPENDENCE
State/Country:	OHIO
Postal Code:	44131
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14520933
CORRESPONDENCE DATA	
Fax Number:	(216)621-4072
<i>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.</i>	
Phone:	2166212234
Email:	ljones@tarolli.com
Correspondent Name:	GARY J. PITZER
Address Line 1:	TAROLLI, SUNDHEIM, COVELL & TUMMINO LLP
Address Line 2:	1300 EAST NINTH STREET - SUITE 1700
Address Line 4:	CLEVELAND, OHIO 44114
ATTORNEY DOCKET NUMBER:	AV(IA)-022394 US ORD
NAME OF SUBMITTER:	GARY J. PITZER
SIGNATURE:	/Gary J. Pitzer/
DATE SIGNED:	01/15/2015
Total Attachments: 3	
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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to **NIDEC AVTRON AUTOMATION CORPORATION**, having a place of business at **7755 West Pleasant Valley Road, Building 100, Independence, Ohio 44131**, in furtherance of my/our obligations to **NIDEC AVTRON AUTOMATION CORPORATION**, and do hereby assign and transfer to **NIDEC AVTRON AUTOMATION CORPORATION**, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

MACHINE DIAGNOSTIC ENCODER

Filing date: **OCTOBER 22, 2014** Application No.: **14/520,933**

which claims the benefit of U.S. Provisional Patent Application No. **61/894,177**, filed **October 22, 2013**, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize **NIDEC AVTRON AUTOMATION CORPORATION**, to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by **NIDEC AVTRON AUTOMATION CORPORATION**, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to **NIDEC AVTRON AUTOMATION CORPORATION**, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to **NIDEC AVTRON AUTOMATION CORPORATION**, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid **NIDEC AVTRON AUTOMATION CORPORATION**, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided reasonable expenses which may be incurred by me/us in lending such cooperation and assistance are paid by **NIDEC AVTRON AUTOMATION CORPORATION**;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to **NIDEC AVTRON AUTOMATION CORPORATION**, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/We hereunto set my/our hand(s) and seal(s):

Signed at Independence County of Cuyahoga and
State of Ohio this 22 day of October, 2014

William P. Niro
WILLIAM P. NIRO

STATE OF Ohio }
COUNTY OF Cuyahoga }

On this 22 day of October, 2014, personally appeared before me William P. Niro to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Catherine M. Mertes
Notary Public

CATHERINE M. MERTES
Notary Public, State of Ohio
Recorded in Geauga Cty.
My Comm. Expires 02/16/2019

Signed at Independence County of Cuyahoga and
State of Ohio this 13th day of January, 2014 ⁵ ~~14~~

Brian Winter
BRIAN WINTER

STATE OF Ohio)
COUNTY OF Cuyahoga)

On this 13 day of January, 2014⁵, personally appeared before me Brian Winter to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Catherine M. Mertes
Notary Public

CATHERINE M. MERTES
Notary Public, State of Ohio
Recorded in Geauga Cty.
My Comm. Expires 02/16/2019