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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DATA				
		Name	Execution Date	
Sebastian Villwock			08/14/2011	
Heiko Zatocil			08/14/2011	
RECEIVING PARTY DATA				
Name:	Baumuller Nurnberg GmbH			
Street Address:	Ostendstrasse 80			
City:	Numberg			
State/Country:	GERMANY			
Postal Code: 90482				
PROPERTY NUMBERS Total: 1				
Property Type		Numl	per	
Application Number: 132056		05687		
CORRESPONDENCE DATA Fax Number: (614)575-2149 Phone: 614 575-2100				
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Email: cwendland@ohiopatent.com Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.				
Correspondent Name: Frank H. Foster				
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ATTORNEY DOCKET NUMBER:		GOTZF 224		
NAME OF SUBMITTER:		Frank H. Foster, Reg. No. 24560		
Total Attachments: 4 source=executed_assignment#page1.tif source=executed_assignment#page2.tif source=executed_assignment#page3.tif source=executed_assignment#page4.tif				

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PATENT APPLICATION AND INVENTION ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, Sebastian Villwock (Assignor), a citizen of Germany, residing at Hohe Strasse 12, 90574 Rosstal, Germany and Heiko Zatocil (Assignor), a citizen of Germany, residing at Spittlertorgraben 31, 90429 Nurnberg, Germany:

Hereby sell, assign and transfer to Baumuller Nurnberg GmbH (Assignee), a corporation of Germany, having a place of business at Ostendstrasse 80, 90482 Nurnberg, Germany, its successors, assigns and legal representatives, the entire right, title and interest for the United States, in and to any and all inventions which are disclosed in

the non-provisional application for United States Letters Patent, which is executed concurrently herewith and is entitled APPARATUS AND METHOD FOR **SENSORLESS IDENTIFICATION** OF ROTATING ELECTRICAL EOUIVALENT CIRCUIT PARAMETERS OF A THREE-PHASE ASYNCHRONOUS MOTOR, filed on 08/09/2011 and given Serial No. 13/205,687 (GOTZF 224),

and in and to each said application and extensions thereof including all rights of priority arising therefrom and in and to all non-provisional, divisional, continuing, substitute, renewal, reissue applications, all provisional applications directed to the same invention which have been or will be filed and all other applications for Letters Patent which have been or shall be filed in the United States and all countries of the world and all international applications on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all countries of the world on said inventions; and I do hereby authorize and request the Commissioner of Patents or other proper Officer to issue such Letters Patent, or any of them, to the said Assignee, and its successors or assigns.

Agree that said Assignee may apply for, receive and maintain Letters Patent for said inventions in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said inventions for the U.S., all other countries of the world and under all treaties; execute all rightful oaths, supplemental oaths, preliminary statements, assignments, powers of attorney, assurance of title and other papers for the U.S., all other countries and under all treaties, communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions, for complying with applicable law and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee, its successors, assigns and representatives for the U.S., all other countries and under treaties.

Page 1 of 2

Hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of said Assignee to apply for a patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority; and

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 convcy the same as herein expressed is possessed by the undersigned.

Executed this <u>14.</u> day of <u>highest</u>

Sebastian Villwock

Executed this _____ day of _____, 2011.

_____(LS) Heiko Zatocil

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PATENT APPLICATION AND INVENTION ASSIGNMENT

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the non-provisional application for United States Letters Patent, which is executed concurrently herewith and is entitled APPARATUS AND METHOD FOR SENSORLESS **IDENTIFICATION** OF ROTATING ELECTRICAL EOUIVALENT CIRCUIT PARAMETERS OF А THREE-PHASE ASYNCHRONOUS MOTOR, filed on 08/09/2011 and given Serial No. 13/205, 687 (GOTZF 224),

and in and to each said application and extensions thereof including all rights of priority arising therefrom and in and to all non-provisional, divisional, continuing, substitute, renewal, reissue applications, all provisional applications directed to the same invention which have been or will be filed and all other applications for Letters Patent which have been or shall be filed in the United States and all countries of the world and all international applications on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all countries of the world on said inventions; and I do hereby authorize and request the Commissioner of Patents or other proper Officer to issue such Letters Patent, or any of them, to the said Assignee, and its successors or assigns.

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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.

Executed this _____ day of _____, 2011.

Sebastian Villwock

Executed this <u>M</u>. day of <u>August</u>, 2011. (LS)Heiko Zatocil

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(LS)

RECORDED: 10/04/2011