

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	12/31/2012
CONVEYING PARTY DATA	
Name	Execution Date
Johannes I. Boerhout	01/09/2013
RECEIVING PARTY DATA	
Name:	Aktiebolaget SKF
Street Address:	Hornsgatan 1
City:	Goteborg
State/Country:	SWEDEN
Postal Code:	415 50
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13991994
CORRESPONDENCE DATA	
Fax Number:	9702243175
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	970-224-3100
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ATTORNEY DOCKET NUMBER:	SKF-COMP-USNP
NAME OF SUBMITTER:	Cheryl A. Swanson
Signature:	/Cheryl A. Swanson/
Date:	06/06/2013

OP \$40.00 13991994

Total Attachments: 4

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IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
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Application Number: 13991994  
Filed: June 6, 2013  
Applicants: Aktiebolaget SKF  
Title: Systems and Methods for Energy Efficient Machine Condition  
Monitoring of Fans, Motors, Pumps, Compressors and Other  
Equipment  
International Application No: PCT/US2012/072299, Filed 31/12/2012  
Earliest Priority Date: 31 December 2011  
Attorney Docket: SKF-Comp-USNP  
Customer No.: 33549  
Confirmation No.: 5067

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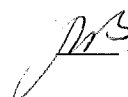
**ASSIGNMENT OF PATENT RIGHTS**

THIS ASSIGNMENT document is made effective as of the 31<sup>st</sup> day of December, 2012, between and among Johannes I. Boerhout, whose address is 13229 Sundance Avenue, San Diego, CA 92112 ( "Assignor") and Aktiebolaget SKF, having its principal office at Goteborg Sweden (the "Assignee").

WHEREAS, the Assignor has contributed to some degree in conceiving or developing technology relating to systems and methods for dynamic prognostication of machine conditions including, but not limited to, the technology initially described or indicated in the application identified by the caption listed above, and also including for the purpose of this assignment those improvements which are related to the subject matter of such technology to the extent conceived or developed during the time serving as a consultant or employee of the Assignee, or its subsidiaries, affiliates, or related parties, and to improvements related to such technology which are identified, developed, or conceived using trade secret or confidential information of the Assignee, or its subsidiaries, affiliates, or related parties, or which are likely to cause disclosure of such trade secret or confidential information (the "Invention");

WHEREAS, Assignor, either by himself or in conjunction with other individuals, may be an inventor of the Invention;

WHEREAS, Assignor acknowledges all his right, title and interest in any and all patent rights and any other proprietary rights in the Invention was vested in the Assignee, or its subsidiaries, affiliates, or related parties; and

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WHEREAS, Assignor desires to formalize his obligation for assignment of all right, title and interest to the Invention to Assignee to the extent he has any such rights worldwide; and

WHEREAS, Assignor acknowledges his obligation to assign all right, title and interest in any and all patent rights and any other proprietary rights in the Invention, to Assignee, or its subsidiaries, affiliates, or related parties;

NOW, THEREFORE, for US \$10.00 or other good and valuable consideration, receipt of which is hereby acknowledged, each of the undersigned hereby agrees as follows:

1. Assignor warrants that:
  - a. he has the authority to assign all right, title, and interest originated now or hereafter by him involving the Invention;
  - b. he has conveyed no right, title, or interest in the Invention to any party other than the Assignee;
  - c. to the extent any Assignor conducted any efforts relevant to the ownership of all rights to the Invention under, on behalf of, or through any entity or assumed name, he has the authority to act as agent for such an entity and to fully transfer such rights; and
  - d. at the time of signing of this Assignment, he neither knows nor has reason to know of any outstanding right, title, or interest in the Invention inconsistent with a full assignment of rights to the Assignee other than any right, title, or interest which may exist as a result of any other's coinventorship.
2. Assignor, for good and valuable consideration, hereby sells, grants, transfers, authorizes application for, agrees to support, and assigns to the Assignee the entire right, title, and interest in and to the Invention, including, but not limited to:
  - a. all such worldwide rights to make, use, and sell the Invention;
  - b. all rights to make, own, and control any applications for United States or foreign patents relating to or based upon the Invention, including, but not limited to: all rights to the above-identified application, all rights to make any claim for any priority to which such applications may be entitled, all rights to any continuing application(s), divisional application(s), substitution application(s), continuation application(s), continuation-in-part application(s), national phase application(s), regional phase application(s), foreign application(s); and all patents which may be granted thereon; and all reissues, extensions, or other related rights related thereto;
  - c. all related rights involving the Invention in any country such as utility-model registrations, inventor's certificates, and the like, and all rights, titles, and interests involving the Invention under any foreign government;

d. all rights to any documents, notes, and evidence regarding any aspect of the Invention; and

e. all rights to seek protection covering such aspects or claims as the Assignee, or its subsidiaries, affiliates, or related parties, deems appropriate, specifically, including, but not limited to: claims which seek protection for device, apparatus, method, process, business method, or other coverage; claims which seek protection for as broad a level of coverage as might be desired by the Assignee; claims which address any aspect conceived, developed, or disclosed as separate inventions; claims which address any permutations or combinations of any aspects; claims which address any aspects independent of any initial context considered as preferred embodiments; and claims which seek broad protection in general.

3. Assignor acknowledges a legal and equitable obligation to assign to the Assignee, or its subsidiaries, affiliates, or related parties, any and all patent rights and any other proprietary rights related to the Invention to the extent conceived (even if later reduced to practice) or developed while he is an employee or consultant of the Assignee or its subsidiaries, affiliates, or related parties, and covenants that he has not and will not execute any agreement in conflict with this Assignment and will not offer any opinions, or take or assist in taking any actions which might tend to diminish the scope of protection available to the Assignee, or its subsidiaries, affiliates, or related parties. Further, Assignor warrants that other than rights of the Assignee, he maintains the entire right, title, and interest in and to the Invention as may exist by virtue of his contribution and has made no conveyance of any rights whatsoever to any other person. Assignor also covenants that he will promptly and continuously inform the Assignee, or its subsidiaries, affiliates, or related parties, of any articles, patents, or other references, or prior art of which he becomes aware which may be material to the assessment of patentability of the Invention.

4. Assignor further covenants and agrees that he will communicate to the Assignee any facts known to him respecting any improvements involving or in any way related to the Invention, and will testify in any legal proceeding, sign all lawful papers, execute all division, continuation, continuation-in-part, substitute, foreign, or reissue applications, make all rightful oaths, and generally do everything possible to aid the Assignee, or its subsidiaries, affiliates, or related parties, to obtain and enforce full protection and title in and to said Invention in all countries without further consideration but at the expense of the Assignee.

5. Assignor acknowledges that pursuant to the sale, grant, transfer, and assignment to the Assignee of the entire right, title, and interest in and to the Invention, as provided in the above paragraphs, this assignment shall be complete as to all rights owned.

6. Assignor recognizes that, until published by a governmental authority, each feature of all designs which relate to the Invention and all associated information, including but not limited to patent prosecution information such as amendments to the claims, supporting affidavits, or the like, shall be considered confidential, whether labeled as such or not, whether disclosed before or after entering into this Assignment, whether of a technical, business, or legal nature including but not limited to any aspects relevant to any prosecution of a patent application in any country, and whether

discovered by explicit disclosure or mere inspection of any item or facility. In addition, it is agreed that the Invention and its associated information represent trade secrets and may become subject to patent, trademark, or other additional proprietary protection. In recognition of such existing and potential proprietary rights which exist or may be obtained, Assignor agrees to take all reasonable steps to maintain, continue, and protect the secrecy of the Invention and all related information as he may possess, to subject his employees to like restrictions, and to subject any third persons to which he discloses information to like restrictions. Assignor may disclose the information to any of its employees or other persons only as appropriate as determined by the Assignee, or its subsidiaries, affiliates, or related parties. Assignor agrees not to utilize, exploit, or incorporate any of the information for his own benefit directly or indirectly except as expressly agreed by the Assignee in writing.

7. Assignor grants the firm of Santangelo Law Offices, P.C., the power to insert on this Assignment or any other document any further identification which may be necessary or desirable such as to indicate filing information or to comply with the rules of the United States Patent Office or any foreign patent office for recordation of this document, including, but not limited to, inserting the application number, the execution date, mailing information, or the filing date of the above-identified United States Patent Application.

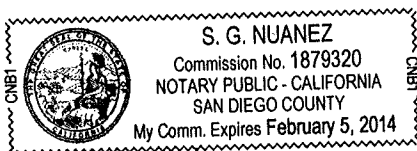
8. This assignment shall be binding on all parties, their heirs, executors, administrators, successors, or assigns, and may be recorded in the United States Patent and Trademark Office or elsewhere. In the event any provision of this Agreement is found to be unenforceable or to be unreasonable in scope, such provision shall be modified to the extent necessary to make it enforceable, and as so modified, this Agreement shall remain in full force and effect.

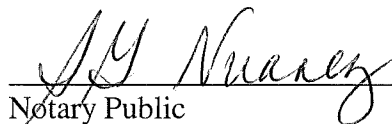
  
Johannes I. Boerhout

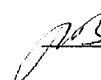
1-9-2013  
Date

UNITED STATES OF AMERICA )  
STATE OF CALIFORNIA )ss.  
COUNTY OF SAN DIEGO )

SUBSCRIBED AND SWORN TO (OR AFFIRMED) before me on this \_\_\_ day of January, 2013, by Johannes I. Boerhout, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.



  
Notary Public  
My Commission Expires: Feb 5, 2014

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