

11-29-2005



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To the Honorable Commissioner of Patents

103126779

Original documents or copy thereof.

11-18-05

1. Name of conveying party(ies):

Matthew William WISEMAN
Malcolm John ASHBY

2. Name and address of receiving party(ies)

Name: GENERAL ELECTRIC COMPANY

Internal Address:

112941 U.S. PTO
11/283120

111805

Additional name of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Street Address: One River Road

City: Schenectady State: NY Zip: 12345

Additional Name(s) & address(es) attached? Yes No

Execution Date: November 17, 2005

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: November 18, 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: William P. Smith

Internal Address: McNees Wallace & Nurick LLC

Street Address: 100 Pine Street, P.O. Box 1166

City: Harrisburg State: PA Zip: 17108-1166

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-1059

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William P. Smith

Name of Person Signing

W.P. Smith

Signature

November 18, 2005

Date

11/28/2005 LWELLER 00000110 501059 11283120
01 FC:8021 48.00 DA

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

JOINT ASSIGNMENT OF APPLICATION

Whereas, We, **Matthew William WISEMAN** and **Malcolm John ASHBY** hereafter referred to as "applicants" or "assignors", who reside at the corresponding addresses provided below, have invented certain new and useful improvements in a(n) **SENSOR DIAGNOSTICS USING EMBEDDED MODEL QUALITY PARAMETERS**

- for which an application for a United States Patent will be subsequently filed. We hereby authorize and request an attorney having the power of attorney to prosecute the application from McNeas Wallace & Nurick LLC of 100 Pine Street, P.O. Box 1166, Harrisburg, PA 17108 to insert here in parenthesis (Application number _____, filed November 18, 2005) the filing date and application number of the application when known.
- for which an application for a United States Patent was filed on _____.

and

Whereas, **GENERAL ELECTRIC COMPANY**, whose street address is **One River Road, Schenectady, NY 12345**, herein referred to as "assignee," is desirous of acquiring the entire right, title and interest in the same.

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We as assignors have sold, assigned, transferred, and set over, and hereby sell, assign, transfer and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United

States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this assignment;

AND, We hereby covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, We hereby further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce Letters Patent for this invention in the United States and any

foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

We hereby declare that all statements made herein and on the accompanying Assignment Recordal Letter of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

IN WITNESS WHEREOF and INTENDING TO BE LEGALLY BOUND, we hereunto set our hands having read and understood this Assignment.

County of Hamilton)
)
)
State of Ohio)

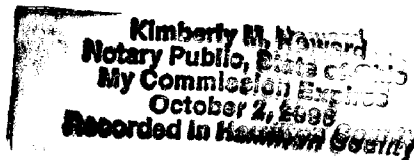
SS. Matthew William WISEMAN
345 Charleton Court
Fairfield, OH 45011

By: Matthew William Wiseman

Date: 11/17/2005

Subscribed and Sworn to me
this 17th day of November, 2005

Kimberly M. Howard
Notary Public



County of Hamilton)
)
)
State of Ohio)

Malcolm John ASHBY
SS. ~~2831 Ashton Circle~~ 6087 INDIAN TRACE DR
Hamilton, OH 45069 HAMILTON 45011
MJA 11/17/05

By: Malcolm John Ashby
Date: 11/17/05

Subscribed and Sworn to me
this 17th day of November, 2005

Kimberly M. Howard
Notary Public

