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FORM PTO-1595(Modified)

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

100808627

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

<b>1. Name of conveying party(ies):</b> Gerard McGoogan  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies):</b> Name: Diagnostic Instruments Limited  Internal Address:  Street Address: 2 Michaelson Square, Kirkton Campus  City: Livingston, West Lothian, EH54 7DP United Kingdom  State: Zip: Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of Conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other: _____  Execution Date: August 3, 1998			
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is: _____  A. Patent Application No.(s): 09/083,769 B. Patent No.(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: Greg T. Sueoka, Esq. Internal Address: Fenwick & West LLP Street Address: Two Palo Alto Square City: Palo Alto State: CA Zip Code: 94306		<b>6. Total number of applications and patents involved:</b> [1]  <b>7. Total fee (37 CFR 3.41):</b> \$40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Fee Transmittal Enclosed  <b>8. Deposit Account No.:</b> 19-2555	
<b>DO NOT USE THIS SPACE</b>			
<b>9. Statement and signature:</b> <i>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.</i>  Greg T. Sueoka, 33,800 Attorney, Reg No. _____  Signature _____ Date August 11, 1998  Total number of pages including cover sheet, attachments, documents: [2]			

Mail documents to be recorded with required cover sheet information to:  
Box Assignment, Commissioner For Patents and Trademarks  
Washington, D.C. 20231

Case Docket No.: 3454

PATENT  
REEL: 9400 FRAME: 0289

# ASSIGNMENT

WHEREAS, as a below named inventor, I, ASSIGNOR, am the original, first and sole inventor if only one name is listed below, or and original, first and joint inventor if plural names are listed below of the invention entitled:

## IMPROVEMENTS IN INTRINSICALLY SAFE CIRCUITS

for which I have executed an application for a Patent of the United States on AUGUST 3rd, 1998 and which:

- ☐ - is the national phase of PCT International Application  
filed on  
and amended under PCT Article 19 on (if applicable)
- ☒ - was filed in the United States on May 22nd, 1998, Serial No. 09/083,769

And WHEREAS, Diagnostic Instruments Limited whose full postal address is 2 Michaelson Square, Kirkton Campus, Livingston, West Lothian, EH54 7DP, United Kingdom, ASSIGNEE,

is desirous of obtaining the entire right, title and interest in, to and under the said invention and said application in the United States:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, ASSIGNOR, have sold, assigned, and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, for the territory of the United States of America, and not elsewhere, the entire right, title and interest in, to and under said United States application and said invention as fully set forth and described therein, and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues, re-examination certifications and extensions thereof; together with the right to file said application in the United States and the right to claim for the same the priority rights derived from any earlier filed application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement, as may be applicable;

AND, I, ASSIGNOR, DO HEREBY:

AUTHORISE AND REQUEST the issuing authority to issue any and all patents granted on said invention to the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, licence or other agreement affecting the rights and property herein conveyed has been or will be made to others by me, and that the full right to cover the same as herein expressed is possessed by me;

COVENANT that, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, I will execute all divisional, continuing, reissue, and other patent applications on said invention; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the ASSIGNEE all facts known to me relating to said invention and the history thereof; and generally do everything possible which the ASSIGNEE shall consider desirable for securing, maintaining, and enforcing proper protection for said invention in the United States.

TO BE BINDING on my heirs, assigns, representatives, and successors and extend to the successors, assigns and nominees of the ASSIGNEE

Inventor (Signature).....Gerard McGoogan.....Date.....3/ Aug / 98.....

Inventor (Name): Gerard McGoogan

Address: Woodlands House, Avonbridge Road, Slamannan, Stirlingshire, FK1 3EU, United Kingdom

BEFORE ME, the undersigned authority, on this 3rd day of AUGUST 1998, personally appeared  
AT EDINBURGH, BEFORE ME ROGER DUGAN, NOTARY PUBLIC, 50 LOTHIAN ROAD  
EDINBURGH

known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledge that he  
executed the same of his own free will for the purposes and consideration therein expressed

[Signature]  
Notary Public

BURNES  
50 LOTHIAN ROAD  
FESTIVAL SQUARE  
EDINBURGH EH3 9WJ  
DX ED 73