

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Frank Martin Haran</td> <td>03/03/2009</td> </tr> <tr> <td>Ross MacHattie</td> <td>03/03/2009</td> </tr> <tr> <td>Ronald E Beselt</td> <td>03/03/2009</td> </tr> </tbody> </table>		Name	Execution Date	Frank Martin Haran	03/03/2009	Ross MacHattie	03/03/2009	Ronald E Beselt	03/03/2009		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Honeywell ASCa Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3333 Unity Drive</td> </tr> <tr> <td>City:</td> <td>Mississauga</td> </tr> <tr> <td>State/Country:</td> <td>ONTARIO</td> </tr> <tr> <td>Postal Code:</td> <td>L5L3S6</td> </tr> </table>		Name:	Honeywell ASCa Inc.	Street Address:	3333 Unity Drive	City:	Mississauga	State/Country:	ONTARIO	Postal Code:	L5L3S6
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<b>CORRESPONDENCE DATA</b>											
Fax Number: (415)731-2509 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 973-455-5447 Email: DAVID.HOIRIIS@HONEYWELL.COM Correspondent Name: HONEYWELL INTERNATIONAL INC. PATENT SERV Address Line 1: 101 COLUMBIA ROAD Address Line 2: P O BOX 2245 Address Line 4: MORRISTOWN, NEW JERSEY 07962-2245											
ATTORNEY DOCKET NUMBER:	HW1039US										
NAME OF SUBMITTER:	Charles H Jew										
Total Attachments: 3 source=HaranAssignment#page1.tif											

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**PATENT**  
**REEL: 022940 FRAME: 0251**

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# ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File

H 0020755-0108

WHEREAS, **Frank Martin Haran**

(hereinafter "Assignor") have invented certain new and useful improvements in

## Fiber Optic Sensor Utilizing Broadband Sources

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, filed herewith, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell ASCa Inc., a corporation organized and existing under the laws of Canada, and having its principal offices at 3333 Unity Drive, Mississauga ON, L5L 3S6, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

3

day of

MARCH

, 09

  
Frank Martin Haran

STATE OF

)

) ss.:

COUNTY OF

)

On this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_ before me personally appeared

to me known and known to me to be the individual

Described in and who executed the foregoing instrument,

and he acknowledged to me that

He Executed the same.

[SEAL]

Notary Public

My commission expires:

PATENT

REEL: 022940 FRAME: 0253

# ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File H 0020755-0108

WHEREAS, **Ross MacHattie**

(hereinafter "Assignor") have invented certain new and useful improvements in

## Fiber Optic Sensor Utilizing Broadband Sources

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, filed herewith, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell ASCa Inc., a corporation organized and existing under the laws of Canada, and having its principal offices at 3333 Unity Drive, Mississauga ON, L5L 3S6, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3<sup>rd</sup> day of March, 09

*Ross MacHattie*

**Ross MacHattie**

STATE OF )  
 ) ss.  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_ before me personally appeared

to me known and known to me to be the individual Described in and who executed the foregoing instrument,  
and he acknowledged to me that He Executed the same.

[SEAL]

Notary Public

My commission expires: \_\_\_\_\_

### Assignment before issue of Letters Patent

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