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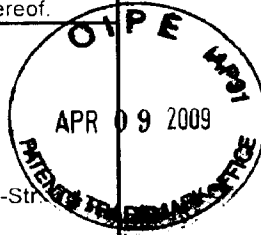
U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

Attorney Docket No. 1260.31995X00

To the Honorable Commissioner of

103556553

attached original documents or copy thereof.



1. Name of conveying party(ies): Hitachi, Ltd. Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies) Name: PhiScience GmbH Address: Entwicklung von Sensoren, Konrad-Zuse-Str. 58239, Schwerte, Germany

3. Nature of conveyance/ Execution Date: 3/26/09 [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Joint Research Agreement [] Government Interest Assignment [] Executive Order 9424, Confirmatory License [] Other .

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

4. Application number(s) or patent number(s): A. Patent Application No.(s)

[] This document is being filed together with a new application. B. Patent Registration No.(s) 5,408,312 Additional number(s) attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: 1300 NORTH 17TH STREET - SUITE 1800 City: ARLINGTON State: VA Zip 22209 Phone Number: (703) 312-6600 Facsimile Number: (703) 312-6666 Email Address: email@antonelli.com

6. Total number of applications and patents involved [1] 7. Total fee (37 CFR 3.41)..... \$40 [X] Authorized to be charged by credit card [X] Authorized to be charged to deposit account [X] Enclosed [] None required (government interest not affecting title) 8. Payment Information: a. Credit Card Last 4 numbers: 1040 Expiration date: 6/2010 b. Deposit account number: 01-2135 Authorized User Name: Donald E. Stout

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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. Alan E. Schiavelli, Reg#32,087 Name of Person Signing [Signature] Signature 4/9/09 Date

Total number of pages including cover sheet, attachments, and document: [3]

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

04/10/2009 SHOHANNI 00000073 5408312 01 FC:0021 40.00 DP

PATENT REEL: 022529 FRAME: 0156

ASSIGNMENT

WHEREAS, Hitachi, Ltd. is the owner of record, by assignment previously recorded, of the following Letters Patent of the United States of America and applications for Letters Patent of the United States of America:

5,408,312 Issued April 18, 1995

WHEREAS, PhiScience GmbH, a German Corporation, having a place of business at Entwicklung von Sensoren, Konrad-Zuse-Str. 6, 58239, Schwerte, Germany, is desirous of acquiring the sole and exclusive right, title and interest in, to and under the said Letters Patent, and the inventions covered thereby;

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the said Hitachi, Ltd. has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said PhiScience GmbH, its entire right, title and interest in the said inventions, said Letters Patent aforesaid, any divisions and continuations thereof and any reissue or reissues of said Letters Patent already granted or which may be granted, the same to be held and enjoyed by said PhiScience GmbH for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to the end of the term for which said Letters Patent of the United States is granted or reissued as fully and entirely as the same would have been held and enjoyed by the said Hitachi, Ltd., if this assignment and sale had not been made.

IN TESTIMONY WHEREOF, Hitachi, Ltd., has caused these presence to be signed by its officer(s) thereunto duly authorized this 25th day of March, 2009.

Hitachi, Ltd.


By: Hiroyuki HIRAYAMA
Title: Corporate Officer
Managing Director, Intellectual Property Group
(Authorized Signing Officer)