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122206

1. Name of conveying party(ies):
Il-Doo Kim (12/8/2006), Jae-Min Hong
(12/8/2006), Dong-Young Kim (12/8/2006), and
Seong-Mu Jo (12/8/2006)
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Korea Institute of Science and Technology
Internal Address: _____
Street Address: _____

3. Nature of conveyance/Execution Date(s):
Execution Date(s): in parentheses after inventor name
 Assignment Merger Change of Name
 Security Agreement Joint Research Agreement
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 Executive Order 9424, Confirmatory License
 Other _____

39-1, Hawolgok-Dong, Sungbook-Gu
City: Seoul
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4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
Not Yet Assigned
Additional numbers attached? Yes No

B. Patent No.(s)
 Yes No

5. Name and address to whom correspondence concerning document should be mailed:
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6. Total number of applications and patents involved:
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers 1007
Expiration Date 04/30/10
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Authorized User Name _____

9. Signature:
S. Peter Ludwig Signature December 22, 2006 Date
S. Peter Ludwig - 25,351 Name of Person Signing
Total number of pages including cover sheet, attachments, and documents:

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06 FC:8021 (40.00 DP)

ASSIGNMENT

I, ***Il-Doo KIM***, a citizen of Korea, residing at 92-26, Singil 1-Dong, Yongdungpo-Gu, Seoul, Korea; and

I, ***Jae-Min HONG***, a citizen of USA, residing at 159-4, Anam-Dong 5-Ga, Seongbuk-Gu, Seoul, Korea; and

I, ***Dong-Young KIM***, a citizen of Korea, residing at Sin Hyundai Apt. 1-11 03, 65, Hoegi-Dong, Dongdaemun-Gu, Seoul, Korea; and

I, ***Seong-Mu JO***, a citizen of Korea, residing at 177-14, Seongbuk 1-Dong, Seongbuk-Gu, Seoul, Korea;

(hereinafter called "ASSIGNOR") in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, paid to me by

Korea Institute of Science and Technology

a corporation organized under the laws of Korea, located at 39-1, Hawoigok-Dong, Sungbook-Gu, Seoul, Korea, (hereinafter called the "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, all my right, title and interest, **throughout the world, including priority rights**, in and to my invention entitled:

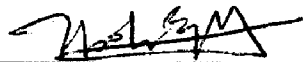
**ULTRA-SENSITIVE METAL OXIDE GAS SENSOR AND FABRICATION METHOD
THEREOF**

SAME invented by me, as a co-inventor if other inventors are identified above, and described in a patent application executed on **Concurrently Herewith** for United States Letters Patent therefor, and all divisions, reissues, continuations and extensions thereof, said interest being **my entire ownership interest** in said Letters Patent when granted, to be held and enjoyed by said ASSIGNEE, its successors, assigns or other legal representatives, 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 me if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal or reissue applications, or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said ASSIGNEE;

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

I declare under penalty of perjury under the laws of the United States of America that I have signed this document as my own free act and that all of the foregoing is true and correct.



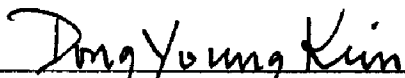
Il-Doo KIM

DATED: 8. Dec. 2006.



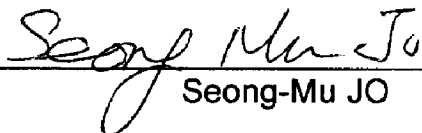
Jae-Min HONG

DATED: 8. Dec. 2006



Dong-Young KIM

DATED: 8. Dec. 2006



Seong-Mu JO

DATED: 8. Dec. 2006