



ab'settings

To the Honorable Commissioner of Patents

101916892

Attached original documents or copy thereof.

Name of conveying party(ies):

12/3/01  
Jang-Lyul Kim, Si-Young Chang, Douying Jin,  
Jeong-Sun Yang, Young-Mi Nam and  
Jung-Il Lee

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

Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: November 30, 2001

2. Name and address of receiving party(ies)

Name: KOREA ATOMIC ENERGY RESEARCH INSTITUTE

Internal Address: 150-Dukjin-dong, Yusong-ku,  
305-353 Taejon-si, Republic of Korea

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

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 30, 2001

A. Patent Application No.(s)

12/12/2001 EHAILE1 00000060 10006268

02 FC:581

40.00 DP

Additional numbers attached? ☐ Yes ☒ No

B. Patent No.(s)

10/006268

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

Name: Gregory P. LaPointe

Internal Address: Bachman & LaPointe, P.C.  
Suite 1201

Street Address: 900 Chapel Street

City: New Haven State: CT ZIP: 06510

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:

02-0184

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

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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.

Gregory P. LaPointe

Name of Person Signing

Signature

December 3, 2001

Date

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

3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington D.C. 20231

PATENT  
REEL: 012363 FRAME: 0308

# Assignment

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,

KIM, Jang-Lyul; CHANG, Si-Young; JIN, Douying; YANG, Jeong-Sun;  
NAM, Young-Mi; LEE, Jung-Il, all citizens and residents of  
Republic of Korea.

Hereby sell, assign and transfer to KOREA ATOMIC ENERGY RESEARCH INSTITUTE  
150 Dukjin-dong, Yusong-ku, 305-353  
Taejon-si, Republic of Korea

a corporation of  
having a place of business at  
its successors, assigns and legal representatives, the entire right, title and interest for the United States and all  
foreign countries, in and to any and all improvements which are disclosed in the application for United States  
Letters Patent, which has been executed by the undersigned concurrently herewith  
and is entitled CaSO<sub>4</sub> based thermoluminescent detector bonded with  
P-compound and a method for fabricating thereof  
(Attorney's Docket No.: 01-739), and in and to said application and all divisional, continuing,  
substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the  
United States and all foreign countries on any of said improvements; and in and to all original and reissued  
patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name;  
and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal  
representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute  
all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said  
improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said  
Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said  
improvements and the history thereof; and generally do everything possible which said Assignee, its successors,  
assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection  
for said improvements and for vesting title to said improvements and all applications for patents and all patents on  
said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant,  
mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others  
by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date... November 30, 2001  
Date... November 30, 2001  
Date... November 30, 2001  
Date... November 30, 2001

Kim Jang-Lyul (L.S.)  
KIM, Jang-Lyul  
Si-Young Chang (L.S.)  
CHANG Si-Young  
Jin Douying (L.S.)  
JIN, Douying  
Jeong-Sun Yang (L.S.)  
YANG, Jeong-Sun

# Assignment

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, Jang-Lyul Kim, Si-Young Chang, Douying Jin, Jeong-Sun Yang, Young-Mi Nam and Jung-Il Lee, all citizens and residents of Republic of Korea.

Hereby sell, assign and transfer to KOREA ATOMIC ENERGY RESEARCH INSTITUTE

a corporation of Republic of Korea  
having a place of business at 150 Dukjin-dong, Yusong-ku, 305-353 Taejon-si, Republic of Korea  
its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith  
and is entitled **CaSO4 BASED THERMOLUMINESCENT DETECTOR BONDED WITH P-COMPOUND  
AND A METHOD FOR FABRICATING THEREOF**

(Attorney's Docket No.: 01-739), and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date.....	November 30, 2001	Young - Mi NAM	.....(L.S.)
Date.....	November 30, 2001	NAM, Young-Mi	.....(L.S.)
Date.....		Jung-Il Lee	.....(L.S.)
Date.....		LEE, Jung-Il	.....(L.S.)
Date.....			.....(L.S.)