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Form PTO-1595
(Rev. 03/01)

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

OMB No. 0651-0027 (exp. 5/31/2002)

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

1. Name of conveying party(ies):

Jong Mu Choi
Jai Hoon Kim
Young Bae KoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 16 July 2004

2. Name and address of receiving party(ies)

Name: Ajou University

Internal Address: _____

San 5, Woncheon-dong, Yeongtong-gu, Suwon-si, Kyeonggi-do
443-749, Republic of Korea

Street Address: _____

San 5, Woncheon-dong, Yeongtong-gu, Suwon-si,
Kyeonggi-do 443-749

City: Republic Of Korea State: _____ Zip: _____

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

4. 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: _____

A. Patent Application No.(s)

10/911,370 filed
August 4, 2004

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Royal W. Craig

Internal Address: Law Offices of Royal Craig

Street Address: 10 North Calvert Street

Suite 153

City: Baltimore State: MD Zip: 21202

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ _____

☐ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

03-3565

(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.

Royal W. Craig

Name of Person Signing

includer for
Royal W. Craig
Signature

March 9, 2005

Date

Total number of pages including cover sheet, attachments, and documents: ☐Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Jong Mu CHOI, an individual residing at 732-1801, Daerim APT., 1146, Sanbon-dong, Gunpo-si, Kyeonggi-do 435-040, Republic of Korea and Jai Hoon KIM, an individual residing at 701-1703, Ssangyong 1 cha, Manhyeon maeul, Sanghyeon -ri, Suji- eup, Yongin-si, Kyeonggi-do 449-521, Republic of Korea and Young Bae KO, an individual residing at 104-1203, Sinhwan Apt., Gumjung-dong, Gunpo-si, Kyeonggi-do 435-050, Republic of Korea("ASSIGNORS"), do hereby sell and assign to

AJOU UNIVERSITY INDUSTRY COOPERATION FOUNDATION

a non-profit foundation organized and existing under the laws of Republic of Korea, having its principal place of business at

San 5, Woncheon-dong, Yeongtong-gu, Suwon-si, Kyeonggi-do 443-749, Republic of Korea

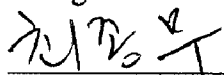
(hereinafter referred to as "ASSIGNEE") its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to all improvements in his:

Directional Flooding Method in Wireless Sensor Network


invented by ASSIGNOR, and any and all applications for patent and patents in any and all countries, inclusive of PCT Application PCT/ [list all related applications here]; and including all division, continuations, reissues, and extensions thereof and all rights or priority resulting from the filing of any such applications, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue any patent on said improvements or resulting therefrom to the said "ASSIGNEE," its successors, assigns, nominees or other legal representatives, as assignee of the entire interest, and I covenant that I have full right to convey the entire interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith, and agree that I will communicate to said "ASSIGNEE," its successors, assigns, nominees or other legal representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said "ASSIGNEE," its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, I will, upon request, sign all lawful papers requisite for the filing of such disclaimer, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said "ASSIGNEE," its successors, assigns, nominees or other legal representatives, either in its or their own name, to apply for, obtain and enforce patent, Utility Model and/or Inventor's Certificate protection for said improvements in all countries, all without further consideration but at the expense of said "ASSIGNEE," its successors, assigns, nominees, or other legal representatives.

Executed at Seoul this 19 day of July, 2004.

Assignors:


Jong Mu CHOI


Jai Hoon KIM


Young Bae KO

08-09-2004

Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):Jong Mu Choi
Jai Hoon Kim
Young Bae Ko

Execution Date(s) 16 July 2004

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Ajou University Industry Cooperation Foundation

Internal Address: _____

Street Address: San 5, Woncheon-dong,

Yeongtong-gu, Suwon-si, Kyeonggi-do 443-749

City: _____

State: _____

Country: Republic of Korea Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☒ This document is being filed together with a new application.

A. Patent Application No.(s)

10-2004-0055682

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Royal W. Craig

Internal Address: _____

Street Address: 10 N. Calvert Street

Suite 153

City: Baltimore

State: MD Zip: 21202

Phone Number: 410-385-2383

Fax Number: 410-385-2385

Email Address: rcraig@patent-law.org

6. Total number of applications and patents involved:

1

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 Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 03-3565

Authorized User Name _____

9. Signature:

Signature

08/04/04

Date

Royal Craig

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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RECORDED: 08/04/2004

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