

07-11-2005

SHEET

HDP Docket No. 9242-000067
Express Mail Label No. EV 570 164 628 US
(6/29/2005)

To the Director of the U.S. Pa

ched documents or the new address(es) below.



103037181

1. Name of conveying party(ies)/Execution Date(s):

Young Tae BYUN

Execution Date(s) June 9, 2005

Additional name 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: Korea Institute of Science and Technology

Internal Address: _____

Street Address: 373-1, Guseong-Dong

Yuseong-Gu

City: Daejon

State: _____

Country: Republic of Korea Zip: 305-701

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 No.(s)

07/05/2005 HMARZII 00000070 11170178

05 FC:8021

40.00 UP

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gregory A. Stobbs

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills

State: MI Zip: 48303

Phone Number : 248-641-1600

Fax Number: 248-641-0270

Email Address: stobbs@hdp.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ 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 _____
Expiration Date _____

b. Deposit Account Number 08-0750

Authorized User Name _____

9. Signature :

Gregory A. Stobbs
Signature

June 29, 2005

Date

Gregory A. Stobbs

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

4

Name of Person Signing

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

PATENT
REEL: 016748 FRAME: 0240

Attachment to Recordation Form Cover Sheet

Docket No. 9242-000067

FOR: EMBODYING EQUIPMENT AND METHOD FOR AN ALL-OPTICAL OR
LOGIC GATE BY USING SINGLE SOA

Young Min JHON

June 9, 2005

Seok LEE

June 9, 2005

Deok Ha WOO

June 9, 2005

Sun Ho KIM

June 9, 2005

ASSIGNMENT

Atty. Docket No. 9242-000067

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Embodying equipment and method for an all-optical OR logic gate by using single SOA

for which Assignor is about to make or has made United States or International application for patent

- (a) ☒ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) ☐ executed on _____, _____, _____; or
- (c) ☐ filed on _____, and assigned Serial No. _____ or PCT International Application No. _____;
- (d) ☐ U.S. Patent No. _____, issued _____; and

WHEREAS, KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY., hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby authorizes and requests my attorney to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

ASSIGNMENT

June 9, 2005

Dated

BYUN, Young Tae

(First Inventor)

Byun Young Tae

June 9, 2005

Dated

JHON, Young Min

(Second Inventor)

Thom.y.m

June 9, 2005

Dated

LEE, Seok

(Third Inventor)

이석

June 9, 2005

Dated

WOO, Deok Ha

(Fourth Inventor)

우덕하

June 9, 2005

Dated

KIM, Sun Ho

(Fifth Inventor)

김선호