

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☐ New
☒ Resubmission (Non-Recordation)
Document ID # 500138889
☐ Correction of PTO Error
Reel # Frame #
☐ Corrective Document
Reel # Frame #

Conveyance Type

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

U.S. Government

(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Cihun-Siyong (Alex) Gong

Execution Date
Month Day Year
08/09/2006

Name (line 2)

Second Party

Name (line 1) Muh-Tian Shiue

Execution Date
Month Day Year
08/09/2006

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) National Central University

Name (line 2)

Address (line 1) No. 300, Jhongda Rd.

Address (line 2) Taoyuan County 32001

Address (line 3) Jhongli City

Taiwan

R.O.C.

City

State/Country

Zip Code

☒ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Alan D. Kamrath

Address (line 1) Nikolai & Mersereau P.A.

Address (line 2) 900 Second Avenue South, Suite 820

Address (line 3)

Address (line 4) Minneapolis, MN 55402

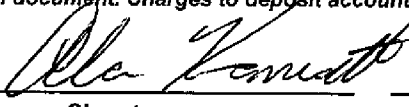
FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

700283563

PATENT
REEL: 018175 FRAME: 0201

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT																								
Correspondent Name and Address		Area Code and Telephone Number 612-392-7306																								
Name Alan D. Kamrath, CFP00662 (20060841.ORI)																										
Address (line 1) Nikolai & Mersereau P.A.																										
Address (line 2) 900 Second Avenue South, Suite 820																										
Address (line 3) 																										
Address (line 4) Minneapolis, Minnesota 55402																										
Pages		Enter the total number of pages of the attached conveyance document including any attachments # 7																								
Application Number(s) or Patent Number(s) <input type="checkbox"/> Mark if additional numbers attached. <small>Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).</small>																										
<table style="width: 100%; border-collapse: collapse;"><thead><tr><th colspan="3" style="text-align: left; border-bottom: 1px solid black;">Patent Application Number(s)</th><th colspan="3" style="text-align: left; border-bottom: 1px solid black;">Patent Number(s)</th></tr></thead><tbody><tr><td style="border: 1px solid black; padding: 2px;">11/464,618</td><td style="border: 1px solid black; width: 100px;"></td><td style="border: 1px solid black; width: 100px;"></td><td style="border: 1px solid black; width: 100px;"></td><td style="border: 1px solid black; width: 100px;"></td><td style="border: 1px solid black; width: 100px;"></td></tr><tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr><tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr></tbody></table>			Patent Application Number(s)			Patent Number(s)			11/464,618																	
Patent Application Number(s)			Patent Number(s)																							
11/464,618																										
<small>If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.</small> Month Day Year 																										
Patent Cooperation Treaty (PCT)																										
<table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 30%;"><small>Enter PCT application number only if a U.S. Application Number as not been assigned.</small></td><td style="width: 10%;">PCT</td><td style="width: 20%;"></td><td style="width: 10%;">PCT</td><td style="width: 20%;"></td><td style="width: 10%;">PCT</td><td style="width: 20%;"></td></tr><tr><td></td><td>PCT</td><td></td><td>PCT</td><td></td><td>PCT</td><td></td></tr></table>			<small>Enter PCT application number only if a U.S. Application Number as not been assigned.</small>	PCT		PCT		PCT			PCT		PCT		PCT											
<small>Enter PCT application number only if a U.S. Application Number as not been assigned.</small>	PCT		PCT		PCT																					
	PCT		PCT		PCT																					
Number of Properties		Enter the total number of properties involved. # 1																								
Fee Amount		Fee Amount for Properties Listed (37 CFR 3.41): \$ 40																								
Method of Payment: Deposit Account <small>Enter for payment by deposit account or if additional fees can be charged to the account.)</small>		Enclosed <input type="checkbox"/> Deposit Account <input type="checkbox"/>																								
Deposit Account Number:		# 																								
Authorization to charge additional fees:		Yes <input type="checkbox"/> No <input type="checkbox"/>																								
Statement and Signature																										
<small>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. Charges to deposit account are authorized, as indicated herein.</small>																										
Alan D. Kamrath		August 24, 2006																								
Name of Person Signing	Signature	Date																								

FORM PTO-1619A
Expires 06/30/99
OMR 0651-0027

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Yin Chang

Execution Date
Month Day Year
08/09/2006

Name (line 2)

Name (line 1) Chun-Hsien Su

Execution Date
Month Day Year
08/09/2006

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Patent Number(s)

<u></u>	<u></u>
<u></u>	<u></u>
<u></u>	<u></u>
<u></u>	<u></u>
<u></u>	<u></u>

PATENT

REEL: 018175 FRAME: 0203

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

08/15/2006
500138889

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Cihun-Siyong (Alex) Gong</td><td>08/09/2006</td></tr><tr><td>Muh-Tian Shiue</td><td>08/09/2006</td></tr><tr><td>Yin Chang</td><td>08/09/2006</td></tr><tr><td>Chun-Hsien Su</td><td>08/09/2006</td></tr></tbody></table>		Name	Execution Date	Cihun-Siyong (Alex) Gong	08/09/2006	Muh-Tian Shiue	08/09/2006	Yin Chang	08/09/2006	Chun-Hsien Su	08/09/2006
Name	Execution Date										
Cihun-Siyong (Alex) Gong	08/09/2006										
Muh-Tian Shiue	08/09/2006										
Yin Chang	08/09/2006										
Chun-Hsien Su	08/09/2006										
RECEIVING PARTY DATA											
Name:	National Central University										
Street Address:	No. 300, Jhongda Rd.										
Internal Address:	Taoyuan County 32001										
City:	Jhongli City										
State/Country:	TAIWAN										
Postal Code:	R.O.C.										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11464618</td></tr></tbody></table>		Property Type	Number	Application Number:	11464618						
Property Type	Number										
Application Number:	11464618										
CORRESPONDENCE DATA											
Fax Number:	(612)349-6556										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	6123927306										
Email:	alan@nm-iplaw.com										
Correspondent Name:	Alan D. Kamrath										
Address Line 1:	900 Second Avenue South										
Address Line 2:	Suite 820										
Address Line 4:	Minneapolis, MINNESOTA 55402										
ATTORNEY DOCKET NUMBER:	CFP00662 (20060841.ORI)										
NAME OF SUBMITTER:	Alan D. Kamrath										

OP \$40.00 11464618

Total Attachments: 1

source=60841ASGN#page1.tif

PATENT

REEL: 018175 FRAME: 0205

ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (Invention Title)

AMPLITUDE SHIFT KEYING (ASK)

~~DEMULATION CIRCUIT BASED ON A SELF SAMPLE AS A BASIS APPLICATION IN AN ORGANISM IMPLANTATION MICROSYSTEM~~

The PATENT RIGHTS referred to in this agreement are:

- (Check one) ☒ a Patent Application for this invention, executed by the ASSIGNOR(s) concurrently with this Assignment
☐ U.S. Patent Application Serial No. _____, filed _____
☐ U.S. Patent No. _____, issued _____

The PATENT RIGHTS assigned under this agreement are:

- (Check one) ☒ U.S. Patent rights only
☐ worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

The ASSIGNOR(s) referred to in this agreement is (or are):

(Full name of first assignor) Cihun-Siyong (Alex) , Gong(Address) 10E, No 100, Jhonghua 4th Rd., Lingya District, Kaohsiung City 802, Taiwan (R.O.C.)(Full name of second assignor, if any) Muh-Tian, Shiue(Address) No 28, Alley 10, Lane 81, Guanghua 2nd St., Hsinchu City 300, Taiwan (R.O.C.)(Full name of third assignor, if any) Yin, Chang(Address) No.155, Sec. 2, Linong St., Beitou District, Taipei City 112, Taiwan (R.O.C.)(Full name of fourth assignor, if any) Chun-Hsien, Su(Address) No.52, Buhou St., Zuoyang District, Kaohsiung City 813, Taiwan (R.O.C.)

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee)

(Address of Assignee) National Central UniversityNo.300, Jhongda Rd., Jhongli City, Taoyuan County 32001, Taiwan (R.O.C.)

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee)

(Address of Assignee)

The First ASSIGNEE is:

- (Check one) ☐ an individual
☐ a partnership
☒ a Corporation of Taiwan, R.O.C.

(State or Country)

The Second ASSIGNEE is:

- (Check one) ☐ an individual
☐ a partnership
☐ a Corporation of _____

(State or Country)

☐ Additional assignees are being named on separately numbered sheets attached hereto.

The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:

the full and exclusive right to the invention;

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and

the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and requests the Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their successors and assigns.

Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their representatives, any facts known to the ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(s), their successors and assigns, to obtain and enforce proper protection for said invention.

Cihun-Siyong (Alex) , Gong
 (Signature of sole or first assignor)

Muh-Tian, Shiue
 (Signature of second assignor, if any)

Yin, Chang
 (Signature of third assignor, if any)

Chun-Hsien, Su
 (Signature of fourth assignor, if any)

Cihun-Siyong (Alex) , Gong August 9, 2006

(Date)

Muh-Tian, Shiue

August 9, 2006

(Date)

Yin, Chang

August 9, 2006

(Date)

Chun-Hsien, Su

August 9, 2006

(Date)

PATENT

RECORDED: 08/15/2006

REEL: 018175 FRAME: 0206