

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4332167

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AN-YEU WU	03/20/2017
TING-SHENG CHEN	03/20/2017
DING-YUAN LEE	03/20/2017
TSUNG-TE LIU	03/21/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NATIONAL TAIWAN UNIVERSITY
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<b>State/Country:</b>	TAIWAN
<b>Postal Code:</b>	106
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15466878
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	TF17YIP003
<b>NAME OF SUBMITTER:</b>	CHIH FENG YEH
<b>SIGNATURE:</b>	/Chih Feng YEH/
<b>DATE SIGNED:</b>	03/23/2017
<b>Total Attachments: 2</b>	
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source=TF17YIP003P1626004Asmt#page2.tif	

**ASSIGNMENT DEED**An-Yeu WU, Ting-Sheng CHEN, Ding-Yuan LEE, Tsung-Te LIU

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:  
**TERNARY CONTENT ADDRESSABLE MEMORY DEVICE FOR SOFTWARE  
 DEFINED NETWORKING AND METHOD THEREOF**

This assignment agreement is applicable to the invention entitled as shown one line immediately above.

The PATENT RIGHTS referred to in this agreement are: *(check one)*

- ☒ a patent application for this invention, executed by the undersigned concurrently with this assignment.  
☐ U.S. patent application Serial No. \_\_\_\_\_ filed \_\_\_\_\_  
☐ a U.S. patent application based on PCT International Application No. \_\_\_\_\_  
 filed on (date) \_\_\_\_\_ (U.S. patent application No. \_\_\_\_\_, if known).  
☐ U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

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. or foreign patent application for this invention.

The undersigned referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

*(Name of Assignee)* NATIONAL TAIWAN UNIVERSITY

*(Address)* No. 1, Sec. 4, Roosevelt Road, Taipei, 106 Taiwan, R.O.C.

The ASSIGNEE is: *(check one)* ☐ An individual. ☒ A Partnership.

☒ A Corporation of TAIWAN *(specify state or country)* ☐ (other) \_\_\_\_\_

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO  
ASSIGNEE: NATIONAL TAIWAN UNIVERSITY

INVENTION TITLE: TERNARY CONTENT ADDRESSABLE MEMORY  
DEVICE FOR SOFTWARE DEFINED NETWORKING AND METHOD  
THEREOF

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the corporation of Huntington IP Consulting Co., Ltd. (USPTO Customer No. 79764) the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

An-Yeu WU

Name of sole or first inventor

Signature

Date

Ting-Sheng CHEN

Name of sole or first inventor

Signature

Date

Ding-Yuan LEE

Name of sole or first inventor

Signature

Date

Tsung-Te LIU

Name of sole or first inventor

Signature

Date