# 503978165 08/26/2016

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ	·	
		Name	Execution Date
JINCHENG YU			08/25/2016
SONG YAO			08/25/2016
RECEIVING PARTY DA	TA		
Name:	DEEPHI TECHNOLOGY CO., LTD.		
Street Address:	1705 BUILDING D-EAST, TSINGHUA TONGFANG HIGH-TECH PLAZA		
City:	BEIJING		
State/Country:	CHINA		
PROPERTY NUMBERS	Total: 1		
Property Type		Number	
Application Number:	15	5247956	
CORRESPONDENCE D	ΑΤΑ		
	e sent to ta provided; 1 88 pa JL 21 SI	<i>he e-mail address first; if that is unsuc</i> <i>if that is unsuccessful, it will be sent v</i> 38 886 8168 atent@junhe.com JN HE LAW OFFICES P.C. 100 GENG ROAD UITE 102 ALO ALTO, CALIFORNIA 94303	
Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to ta provided; a 88 pa JL 21 SI SI PA	<i>if that is unsuccessful, it will be sent v</i> 38 886 8168 atent@junhe.com JN HE LAW OFFICES P.C. 100 GENG ROAD UITE 102	
Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N	e sent to ta provided; a 88 pa JL 21 SI SI PA	<i>if that is unsuccessful, it will be sent v</i> 38 886 8168 atent@junhe.com JN HE LAW OFFICES P.C. 100 GENG ROAD UITE 102 ALO ALTO, CALIFORNIA 94303	
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Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER:	e sent to ta provided; a 88 pa JL 21 SI SI PA	<i>if that is unsuccessful, it will be sent v</i> 38 886 8168 atent@junhe.com JN HE LAW OFFICES P.C. 100 GENG ROAD UITE 102 ALO ALTO, CALIFORNIA 94303 066391-8003US01 JAMES J. ZHU	
Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUN NAME OF SUBMITTER: SIGNATURE:	e sent to ta provided; a 88 pa JL 21 SI SI PA	if that is unsuccessful, it will be sent v 38 886 8168 atent@junhe.com JN HE LAW OFFICES P.C. 100 GENG ROAD UITE 102 ALO ALTO, CALIFORNIA 94303 066391-8003US01 JAMES J. ZHU /James J. Zhu, Reg. No. 52,396/	via US Mail.

Attorney Docket: 066391-8003US01

## ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

#### ASSIGNMENT

WHEREAS I/We, the below named inventor(s), (thereinafter referred to as "Assignor(s)"), have invented one or more certain inventions (the "Invention(s)") described in a United States Patent Application entitled <u>COMBINING CPU AND SPECIAL</u> <u>ACCELERATOR FOR IMPLEMENTING AN ARTIFICIAL NEURAL NETWORK</u> (the

"Application") and

executed concurrently herewith; or

\_\_\_\_ filed on \_\_\_\_\_

Deephi Technology Co., Ltd., a legal entity existing under the laws of People's Republic of China, having an address at 1705 Building D-East. Tsinghua Tongfang High-Tech Plaza, Beijing 100084, China (the "Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries or regions in the world.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, any and all of our right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application, any other application claiming the same priority rights as the Application or claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"), whether now existing or hereafter arising. Assignors warrant that he is the sole inventor of the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as

Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee.

#### DECLARATION OF INVENTOR(S)

As a named inventor below, I hereby declare that: (1) This declaration is directed to the above-identified application; (2) the above-identified application was made or authorized to be made by me; (3) I believe that I am an original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statements made in this declaration are punishable under 18 U. S. C. 1001 by fine or imprisonment of not more than five (5) years, or both.

As a named inventor below, I have reviewed and understand the contents of the application, including the claims, and am aware of the duty to disclose to the USPTO all information known to me to be material to patentability as defined in 37C.F.R. §1.56.

Assignor 1:

Jincheng

18/25/2016 Date

Signature

Jincheng YU Print Name\_

1705 Building D-East, Tsinghua Tongfang High-Tech Plaza, Beijing 100084, China Address

YU

Attorney Docket: 066391-8003US01

Assignor 2:

Song you

08/25/2016 Date

Signature

Song YAO Print Name

1705 Building D-East, Tsinghua Tongfang High-Tech Plaza, Beijing 100084, China Address

### PATENT REEL: 039549 FRAME: 0325

**RECORDED: 08/26/2016**