503625001 12/27/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3671633

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIAORONG LUO	11/26/2015
JIAYUN XIONG	11/26/2015
CHAO YANG	11/26/2015
JIE WEI	11/26/2015
JUNFENG WU	11/26/2015
FU PENG	11/26/2015
BO ZHANG	11/26/2015

RECEIVING PARTY DATA

Name:	UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA
Street Address:	NO. 2006, XIYUAN AVE, WEST HI-TECH ZONE
City:	CHENGDU
State/Country:	CHINA
Postal Code:	611731

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14979488

CORRESPONDENCE DATA

Fax Number: (888)259-9223

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 8882599211 X2330

Email: USPTORECEIPT@GMAIL.COM

Correspondent Name: MATTHIAS SCHOLL
Address Line 1: 14781 MEMORIAL DRIVE

Address Line 2: SUITE 1319

Address Line 4: HOUSTON, TEXAS 77079

ATTORNEY DOCKET NUMBER:	CDDJ-00201-UUS
NAME OF SUBMITTER:	LARRY CHEN
SIGNATURE:	/Larry Chen/
DATE SIGNED:	12/27/2015

503625001 PATENT REEL: 037361 FRAME: 0809

Total Attachments: 7 source=CDDJ-00201-UUS_Assignment#page1.tif source=CDDJ-00201-UUS_Assignment#page2.tif source=CDDJ-00201-UUS_Assignment#page3.tif source=CDDJ-00201-UUS_Assignment#page4.tif source=CDDJ-00201-UUS_Assignment#page5.tif source=CDDJ-00201-UUS_Assignment#page6.tif source=CDDJ-00201-UUS_Assignment#page7.tif

PATENT REEL: 037361 FRAME: 0810

Attorney Docket Number	CDDJ-00201-UUS
Title of Invention	ENHANCEMENT MODE HIGH ELECTRON MOBILITY TRANSISTOR
	I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.
WHEREAS	University of Electronic Science and Technology of China
having a po	No. 2006, Xiyuan Ave, West Hi-Tech Zone, Chengdu, Sichuan, China, 611731
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said inven division, co	N, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to ion and application throughout the United States of America, including any and all patents granted on any nationation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or all examination thereof.
prosecution additional of further con- communica ASSIGNOF be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent applications in the United States for said invention, including ocuments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without sideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and te to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within it's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent ed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's utors, administrators and other legal representatives.
referred to use and be which such	SIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole hoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment to been made.
AS in this docu	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information ment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL N	AME OF ASSIGNOR
Assignor:	Xiaorong LUO Date: >15.11.26
Signature	X; aurony luo

PAGE 1 OF 7

Attorney Docket Number	CDDJ-00201-UUS
Title of Invention	ENHANCEMENT MODE HIGH ELECTRON MOBILITY TRANSISTOR
	5, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.
WHEREAS	University of Electronic Science and Technology of China
having a po	No. 2006, Xiyuan Ave, West Hi-Tech Zone, Chengdu, Sichuan, China, 611731
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said invent division, co	W, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, R, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion and application throughout the United States of America, including any and all patents granted on any intinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or tal examination thereof.
prosecution additional d further cons communica ASSIGNOR be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent applications in the United States for said invention, including focuments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without sideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and ate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within R's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent sed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's utors, administrators and other legal representatives.
referred to a use and be which such	SIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole hoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment of been made.
	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information iment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL N	AME OF ASSIGNOR
Assignor:	Jiayun XIONG Date: 2015.11- 26
Signature:	题.姓之

PAGE 2 OF 7

Attorney Docket Number	CDDJ-00201-UUS
Title of Invention	ENHANCEMENT MODE HIGH ELECTRON MOBILITY TRANSISTOR
WHEREAS invention in	I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.
WHEREAS	University of Electronic Science and Technology of China
having a po	No. 2006, Xiyuan Ave, West Hi-Tech Zone, Chengdu, Sichuan, China, 611731
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said invent division, cor	N, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, it, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to ion and application throughout the United States of America, including any and all patents granted on any national continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or all examination thereof.
prosecution additional d further cons communica ASSIGNOR be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent applications in the United States for said invention, including ocuments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without ideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and te to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within 's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent ed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's attors, administrators and other legal representatives.
referred to a use and bel which such	SIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole noof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment the been made.
	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information ment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL NA	AME OF ASSIGNOR
Assignor:	Chao YANG Date: 2015.11.26
Signature:	12 25

PAGE 3 OF 7

Attorney Docket Number	CDDJ-00201-UUS		
Title of Invention	ENHANCEMENT MODE HIGH ELECTRON MOBILITY TRANSISTOR		
	s, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.		
WHEREAS	University of Electronic Science and Technology of China		
having a po	No. 2006, Xiyuan Ave, West Hi-Tech Zone, Chengdu, Sichuan, China, 611731		
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;		
ASSIGNOR said invent division, co	NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.		
prosecution additional d further cons communica ASSIGNOR be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent applications in the United States for said invention, including locuments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without sideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and the total ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within all as possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's utors, administrators and other legal representatives.		
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.			
ASS in this docu	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information ment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.		
LEGAL NA	AME OF ASSIGNOR		
Assignor:	Jie WEI Date: 2015. 11. 26		
Signature:	The transfer of the second sec		

PAGE 4 OF 7

Attorney Docket Number	CDDJ-0020	1-UUS
Title of Invention	ENHANCE	MENT MODE HIGH ELECTRON MOBILITY TRANSISTOR
		m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed lentified by the title above.
WHEREAS	,	University of Electronic Science and Technology of China
having a po	stal address of	No. 2006, Xiyuan Ave, West Hi-Tech Zone, Chengdu, Sichuan, China, 611731
(referred to	as ASSIGNEE be	elow) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said invent division, co	R, by these prese tion and applicat	for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ints does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion throughout the United States of America, including any and all patents granted on any uation-in-part, reexamination, and reissue of said application, whether granted in an initial or ereof.
ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.		
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.		
		es Practitioners associated with the Customer Number 33,794 to insert or complete any information effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL N	AME OF ASSIGN	OR
Assignor:	Junfeng WU	Date: 2015. 11. 26
Signature: 3 13 13		

PAGE 5 OF 7

Attorney Docket Number	CDDJ-00201-UUS
Title of Invention	ENHANCEMENT MODE HIGH ELECTRON MOBILITY TRANSISTOR
	, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.
WHEREAS	University of Electronic Science and Technology of China
having a po	No. 2006, Xiyuan Ave, West Hi-Tech Zone, Chengdu, Sichuan, China, 611731
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said inventorion, con	W, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, R, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion and application throughout the United States of America, including any and all patents granted on any ntinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or tal examination thereof.
prosecution additional d further cons communica ASSIGNOR be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent applications in the United States for said invention, including locuments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without sideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and the total ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within all assignments of control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent sed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's outors, administrators and other legal representatives.
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.	
	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information iment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL NA	AME OF ASSIGNOR
Assignor:	Fu PENG Date: 2015 . 11 . 26
Signature	彭富

PAGE 6 OF 7

Attorney Docket Number	CDDJ-00201-UUS	
Title of Invention	ENHANCEMENT MODE HIGH ELECTRON MOBILITY TRANSISTOR	
	, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.	
WHEREAS	University of Electronic Science and Technology of China	
having a po	No. 2006, Xiyuan Ave, West Hi-Tech Zone, Chengdu, Sichuan, China, 611731	
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;	
ASSIGNOF said inven- division, co	W, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, R, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion and application throughout the United States of America, including any and all patents granted on any ntinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or tal examination thereof.	
prosecution additional of further cons communica ASSIGNOF be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent applications in the United States for said invention, including locuments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without sideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and the total ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within all to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may if ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent sed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's utors, administrators and other legal representatives.	
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.		
AS: in this docu	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information iment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.	
LEGAL N	AME OF ASSIGNOR	
Assignor:	Bo ZHANG Date: 2015. 11. 26	
Signature: 7H 1		

PAGE 7 OF 7

PATENT REEL: 037361 FRAME: 0817

RECORDED: 12/27/2015