PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DATA						
N			ame	Execution Date		
Alan J. Rosenblum				12/07/2012		
RECEIVING PARTY DATA						
Name: Huawei Technologie			es Co., Ltd.			
Street Address:	Administracti	Administraction Building, Huawei Industrial Base,				
Internal Address:	Bantian,Longgang District					
City:	Shenzhen					
State/Country:	CHINA					
Postal Code:	518129					
PROPERTY NUMBERS Total: 1						
Property Type			Number			
Patent Number:		80056	8005611			
Patent Number: 8005611 CORRESPONDENCE DATA						
Fax Number: 4602775001						
Fax Number:4692775901Correspondence will be sent via US Mail when the fax attempt is unsuccessful.						
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Address Line 4: Shenzhen, CHINA 518129						
NAME OF SUBMITTER:			Shuang Liu			
Total Attachments: 2 source=Notarized Rosenblum Assignment#page1.tif source=Notarized Rosenblum Assignment#page2.tif						



Assignment of Patent Rights

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, *Alan J. Rosenblum ("Assignor")*, hereby:

sells, assigns, transfers and conveys unto Huawei Technologies Co., Ltd., a Chinese corporation, having offices at Administration Building Huawei Technologies Co., Ltd. Bantian, Longgang District, Shenzhen, 518129, P. R. China ("Assignee"), and its successors, all rights, title and interest that exist today and may exist in the future in and to all of the following (collectively, the "Patent Rights"):

(a) all (a) provisional patent applications, patent applications and patents listed below; (b) patents or patent applications (i) to which any of the foregoing directly or indirectly claims priority, and/or (ii) for which any of the foregoing or the following directly or indirectly forms a full or partial basis for priority; (c) reissues, reexaminations, extensions, continuations, substitutions, continuing prosecution applications, requests for continuing examinations and divisions of any item in the foregoing categories (a) and (b); and (d) foreign patents, patent applications and counterparts, including international and regional applications, relating to any item in the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances (the "Transferred Patents");

(b) Inventions, invention disclosures and discoveries described in any of the Transferred Patents;

(c) Rights to apply in any or all countries of the world for any of the Patents and the inventions, invention disclosures and discoveries therein;

(d) Causes of action (whether currently pending, filed or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or the rights described in Paragraph 2.2(b), including, without limitation, all causes of action and other enforcement rights for (i) damages, (ii) injunctive relief, and (iii) any other remedies of any kind for past, current and future infringement; and

(e) Rights to collect royalties or other payments under or on account of any of the Patents and/or any of the foregoing.

Country	Patent Number	Issue Date
US	8005611	Aug. 23,
		2011

AND Assignor hereby agrees to execute without further consideration any further documents and instruments which may be lawful and proper in the prosecution of the Transferred Patents, and which may be desirable or necessary to secure to Assignee its rights, title and interest in and to said Patents;



AND Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment of Patent Rights shall inure to the benefit of Assignee, its successors, assigns and other legal representatives and will be binding upon Assignor, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at

on ASSIGNOR Alan J. Rosenblum

STATE OF <u>Illino(S</u>)) ss. COUNTY OF Cook

On <u>Dec 7,2012</u>, before me, <u>Michael A. Chandra</u>, Notary Public in and for said State, personally appeared Alan J. Rosenblum, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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WITNESS my hand and official seal. Signature Mideal a Charden (Seal) OFFICIAL SEAL MICHAEL A CHANDRA NOTARY PUBLIC, STATE OF ILLINOIS My Commission Expires May 25, 2014 ASSIGNEES:

ASSIGNEES: Huawei Technologies Co., Ltd.

Huawei Confidential

PATENT REEL: 029467 FRAME: 0638

RECORDED: 12/14/2012