

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5923825

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CELLULAR COMMUNICATIONS EQUIPMENT LLC	09/16/2019

RECEIVING PARTY DATA

Name:	VIVO MOBILE COMMUNICATION CO., LTD.
Street Address:	#283, BBK ROAD, WUSHA
City:	CHANG'AN DONGGUAN, GUANGDONG
State/Country:	CHINA
Postal Code:	523860

PROPERTY NUMBERS Total: 11

Property Type	Number
Application Number:	13502236
Application Number:	12311602
Application Number:	12699146
Application Number:	13489870
Application Number:	14857723
Application Number:	12382662
Application Number:	12382920
Application Number:	11661006
Application Number:	14309787
Application Number:	14690298
Application Number:	10220840

CORRESPONDENCE DATA

Fax Number: (312)977-9959

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.

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Correspondent Name: MILLER, MATTHIAS & HULL LLP

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PATENT

ATTORNEY DOCKET NUMBER:	60193
NAME OF SUBMITTER:	THOMAS A. MILLER
SIGNATURE:	/thomas a. miller/
DATE SIGNED:	01/22/2020
Total Attachments: 4 source=2020-01-22_Recordation_Cover_Sheet#page1.tif source=2020-01-22_Assignment_Attachment2#page1.tif source=2020-01-22_Assignment_Attachment2#page2.tif source=2020-01-22_Assignment_Attachment2#page3.tif	

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
 Cellular Communications Equipment LLC
 2400 Dallas, Texas Parkway Suite 200
 Plano, Texas 75093

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: VIVO MOBILE COMMUNICATION CO., LTD.
 Internal Address: _____

 Street Address: #283, BBK Road, Wusha

 City: Chang'an Dongguan, Guangdong
 State: _____
 Country: CN Zip: 523860

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) _____

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)
 13/502,236; 12/311,802; 12/699,146; 13/489,870;
 14/857,723; 12/382,662; 12/382,920; 11/661,006;
 14/309,787; 14/690,298; 10/220,840

B. Patent No.(s)
 9,350,427; 8,208,379; 8,224,372; 8,447,345; RE46975;
 8,537,876; 8,570,957; 8,645,786; 8,935,588; 9,294,233
 7,215,962

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Miller, Matthias & Hull LLP
 Internal Address: Suite 2350

 Street Address: One North Franklin Street

 City: Chicago
 State: IL Zip: 60606
 Phone Number: (312) 235-4767
 Docket Number: 60134
 Email Address: tmorales@millermatthiashull.com

6. Total number of applications and patents involved: 11

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-3629
 Authorized User Name Thomas A. Miller

9. Signature: _____ January 22, 2020
 Signature Date
 Thomas A. Miller
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, CELLULAR COMMUNICATIONS EQUIPMENT LLC, a Texas limited liability company, having a place of business at 6136 Frisco Square Blvd. Suite 400, Frisco, TX 75034, USA (hereafter, together with any successors, legal representatives or assigns thereof, called "Assignor") is the owner of the entire right, title, and interest and assignee of the **Patents listed on the Schedule attached hereto**:

AND WHEREAS, VIVO MOBILE COMMUNICATION CO., LTD., a company incorporated in the People's Republic of China, whose principal office is at 283# Bubugao (BBK) road, Jiangbei, Wusha Industrial Zone, Chang'An Dongguan, Guangdong, 523860 ("ASSIGNEE") (hereafter, together with any successors, legal representatives or assigns thereof, called "Assignee") wants to acquire the entire right, title and interest in and to said **Patents listed on the Schedule attached hereto**, and all the inventions therein, and Assignor is willing to enter into such assignment.

NOW, THEREFORE, effective on Sept 16, 2019 and in consideration of the promises herein and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to Assignee the entire right, title and interest in and to the **Patents listed on the Schedule attached hereto**, and all patents, patent applications, foreign patents, foreign patent applications, continuations, continuations-in-part, divisionals, extensions, renewals, reissues and re-examinations related to all inventions thereof, including without limitation, all rights to claim priority on the basis thereof, all rights to sue for past, present and future infringement, including the right to collect and receive any damages, royalties, or settlements for such infringements, all rights to sue for injunctive or other equitable relief, and any and all causes of action relating to any of the inventions or discoveries thereof;

Assignor hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict with this Assignment;

Assignor hereby further covenants and agrees that it will sign all lawful papers, execute and deliver all papers and take any actions that may be necessary or desirable to perfect the title to any aforementioned patents and inventions, execute all divisional, continuation, reexamination, reissue and substitute applications, and make all rightful oaths and do everything reasonably possible to aid Assignee to obtain and enforce proper patent protection for said inventions in all countries, to the extent agreed upon by the parties.

Assignee acknowledges that this sale, assignment, transfer and set over is made subject to encumbrances which, for clarity, shall run with the assigned patents and patent applications.

[Signature Page Follows]

PATENT

REEL: 051588 FRAME: 0173

IN WITNESS WHEREOF, this Assignment of Patent Rights is executed at _____ on
September 16, 2019.

CELLULAR COMMUNICATIONS EQUIPMENT LLC

Signature

Printed Name

Title

ASSIGNEE

Signature

Printed Name

Title

SCHEDULE 1

Family number	Country	Application number	Publication Number	Grant Number	Status as per PTO
5	US	10/220,830	20030050063	7215962	Granted
5	CN	CN20018006190.7	CN1416660	CN1416660B	Granted
12	US	14/690,298	20150229445	9294233	Granted
12	US	14/309,787	20140304563	8935588	Granted
12	US	11/661,006	20070255994	8645786	Granted
12	US	11/662,955	20080101403	7680076	Granted
12	CN	CN200580031128.3	CN101023619	CN101023619B	Granted
12	CN	CN201410424271.X	CN104253679	CN104253679B	Granted
12	HK	HK07114241.1	HK1109264	HK1109264	Granted
12	HK	HK15105112.5	HK1204722		Pending
12	JP	2007-530698	JP2008512910	4528830	Granted
12	KR	1,02008E+12	1,02007E+12	101132033	Granted
12	EP	5796975	EP1794921	EP1794921	Granted
12	EP	5779101,4	EP1790107	EP1790107	Granted
12	EP	12150589,5	EP2461515	EP2461515	Granted
17	US	12/311,803	20100182958	8208379	Granted
20	US	14/857,723		RE46975	Granted
20	US	12/382,662	30090238241	8537876	Granted
20	CN	CN200980109991.4	CN101978664	CN101978664B	Granted
20	EP	9722793,8	EP2294771	EP2294771	Granted
25	EP	7015719,3	EP2023683	EP2023683	Granted
30	EP	9724253,1	EP2260664	EP2260664	Pending
30	US	12/382,920	20090245191	8570957	Granted
36	US	13/489,870	20120314666	8447345	Granted
36	US	12/699,146	20100197339	8234372	Granted
36	EP	15198520,7	EP3010292	EP3010292	Granted
37	US	13/503,236	20120236798	9350427	Granted
37	CN	CN200980162642.9	CN102804830	CN102804830B	Granted
37	EP	9850348,5	EP2489213	EP2489213	Granted
39	HK	HK14102681.4	HK1189724		Pending
41	IN	11168/DELNP/2013			Pending
41	HK	HK14110540.8	HK1197324		Pending