PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DATA			
		Name	Execution Date
Darren P. McNamara			11/10/2008
RECEIVING PARTY DATA			
Name:	IPWireless, Inc.		
Street Address:	90 New Montgomery Street		
Internal Address:	Suite 315		
City:	San Francisco		
State/Country:	CALIFORNIA		
Postal Code:	91405		
PROPERTY NUMBERS Total: 1			
Property T		Number	
Application Number: 13447			
	1344	47881	
CORRESPONDENCE		47881	
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Attorney Docket No.: 562492010100 Client Reference No.: 08-0012-USA

ASSIGNMENT SOLE

THIS ASSIGNMENT, by Darren P. MCNAMARA (hereinafter referred to as the assignor), residing at Unit 7, Greenways Business Park, Bellinger Close, Chippenham, Wiltshire, United Kingdom SN 15 1NB, witnesseth:

WHEREAS, said assigner has invented certain new and useful improvements in WIRELESS COMMUNICATION UNIT AND METHOD FOR CHANNEL ESTIMATION, set forth in an application for Letters Patent of the United Status, having an oath or declaration executed on even date herewith; hearing Serial No. 12/236,373 and filed on September 23, 2008; and

WHEREAS, IPWireless, Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 1001 Bayhill Drive, 2nd Floor, San Bruno, California 94066 (hereinafter referred to as the assignce) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned investions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissnes or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Prient above-mentioned, and that the same are unencumbered and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assigner hereby covenants and agrees to and with said assignce, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successor, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of my Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oatins, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigne, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignce of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

10/11/08 D. McNomana Destrem P. MCNAMARA

pa-1292013

PATENT REEL: 028052 FRAME: 0877

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RECORDED: 04/16/2012