

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Wireless IP Ltd.	01/17/2006

RECEIVING PARTY DATA

Name:	Silicon Laboratories Inc.
Street Address:	4635 Boston Lane
City:	Austin
State/Country:	TEXAS
Postal Code:	78735

PROPERTY NUMBERS Total: 26

Property Type	Number
Patent Number:	5640427
Patent Number:	6163548
Patent Number:	6400930
Patent Number:	5920593
Patent Number:	6175722
Patent Number:	6411830
Patent Number:	5994953
Patent Number:	6176611
Patent Number:	6459398
Patent Number:	6038577
Patent Number:	6208684
Patent Number:	6466906
Patent Number:	6044339
Patent Number:	6298102
Patent Number:	6084891

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REEL: 017057 FRAME: 0666

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Patent Number:	6301317
Patent Number:	6088668
Patent Number:	6317709
Patent Number:	6104769
Patent Number:	6323727
Patent Number:	6112325
Patent Number:	6345057
Patent Number:	6118770
Patent Number:	6363055
Patent Number:	6144844
Patent Number:	6400784

CORRESPONDENCE DATA

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Richard Egan

Total Attachments: 2

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ASSIGNMENT

This Assignment is made and entered into as of January 17, 2006 by and between Wireless IP Ltd., a corporation formed under the laws of the State of Israel, ("Wireless IP" or "Assignor") and a wholly-owned subsidiary of PCTEL, Inc., a Delaware corporation, and Silicon Laboratories Inc., a corporation with offices at 4635 Boston Lane, Austin, Texas ("SiLabs" or "Assignee").

1. Assignment of Patents and Applications. Assignor sells, assigns and transfer to Assignee its entire right, title and interest in and to the patents and applications listed on Schedule 1, including its right to sue for past, present and future infringement.

Wireless IP Ltd.

By Martin H. Singer
Printed Name MARTIN H. SINGER
Title President and CEO
Date Jan. 20, 2006

Silicon Laboratories Inc.

By Néstor F. Ho
Printed Name Néstor F. Ho
Title Chief Legal & IP Counsel
Date 9 January 2006

SCHEDULE 1

WIRELESS IP LICENSED PATENTS

Patent or Application #	Title	Foreign Counterpart Country and Patent or Application #
5,640,427	Demodulator	
5,920,593	A device for personal digital cellular telephones	Abandoned
5,994,953	Apparatus and method for detecting digital fm	
6,038,577	Efficient way to produce a delayed version of a maximum length sequence using a division circuit	
6,044,339	Reduced real-time processing in stochastic celp encoding	
6,084,891	Bi-directional channel analysis	Abandoned
6,088,668	A noise suppressor having weighted gain smoothing	All abandoned except Japan application # 2000-556364
6,104,769	Method and apparatus for acquiring and tracking the sampling phase of a signal	Abandoned
6,112,325	Method and device for detecting rate	
6,118,770	Voice channel frequency synchronization	Abandoned
6,144,844	Method and system for controlling frequency	Abandoned
6,163,548	A code synchronization unit and method	Abandoned
6,175,722	Initial frequency synchronization mechanism	
6,176,611	System and method for reducing power consumption in waiting mode	
6,208,684	Cyclic adaptive receivers for ds-cdma signals	Europe: Application # 99946409.2 Japan: Application # 2000-571578 Israel: Abandoned Korea: Application # 2000-7005393 China: Application # 99802069.9
6,298,102	Maximum likelihood sequence estimation in the presence of co-channel interference	
6,301,317	A synchronization system and method for digital communication systems	Abandoned
6,317,709	A noise suppressor having weighted gain smoothing	
6,323,727	Apparatus and method for detecting digital fm	
6,345,057	Bi-directional channel analysis	
6,363,055	A control channel determiner	
6,400,784	A synchronization system and method for digital communication systems	
6,400,930	Frequency tuning for radio transceivers	Abandoned
6,411,830	System and method for reducing power consumption in waiting mode	
6,459,398	Pulse modulated digital to analog converter (dac)	
6,466,906	Noise padding and normalization in dynamic time warping	Abandoned

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