

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5863637

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WALTICAL SOLUTIONS, INC.	12/14/2005
RECEIVING PARTY DATA	
Name:	NEOCIFIC, INC.
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State/Country:	WASHINGTON
Postal Code:	98004
PROPERTY NUMBERS Total: 4	
Property Type	Number
Patent Number:	8457081
Patent Number:	8934394
Patent Number:	9780959
Application Number:	15724228
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NAME OF SUBMITTER:	PETER B. STEWART
SIGNATURE:	/Peter B. Stewart/
DATE SIGNED:	12/12/2019
Total Attachments: 4	

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ASSIGNMENT

Waltical Solutions, Inc., a corporation organized under and pursuant to the laws of Washington, having its principal place of business at 1750 112th Avenue NE, Suite D 159; Bellevue, Washington 98004 (hereinafter referred to as "Assignor"), is the sole and exclusive owner, by assignment, of the Patent Applications listed in Schedule A; and

Neocific, Inc., a corporation organized under and pursuant to the laws of Delaware, having its principal place of business at 13312 SE 43rd Street, Bellevue, Washington 98006 (hereinafter referred to as "Assignee"), desires to acquire the right, title and interest in, to and under said Patent Applications and the inventions covered thereby;

For valuable consideration, the receipt and sufficiency of which Assignor acknowledges, Assignor hereby sells, assigns, and transfers to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to said applications for all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefore in the United States of America and all other countries on the attached list of *Schedule A*, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on *Schedule A* to said assignee herein, as assignee of the entire interest therein; and the undersigned for itself and its legal representatives, heirs and assigns does hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions listed on *Schedule A* whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said inventions listed on *Schedule A* in the United States of America and all other countries, the expenses incident to said applications listed on *Schedule A* to be borne and paid by said assignee.

SCHEDULE A

Application Number (Patent Number)	Filing Date	Inventor	Title	Ctry
US05/01939	Jan. 20, 2005	Xiaodong Li, Titus Lo, Kemin Li, Haiming Huang	METHODS AND APPARATUS FOR MULTI-CARRIER, MULTI-CELL WIRELESS COMMUNICATION NETWORKS	PCT
US05/04601	Feb. 14, 2005	Xiaodong Li, Titus Lo, Kemin Li, Haiming Huang	METHODS AND APPARATUS FOR MULTI-CARRIER COMMUNICATIONS SYSTEMS WITH ADAPTIVE TRANSMISSION AND FEEDBACK	PCT
US05/03889	Feb. 7, 2005	Xiaodong Li, Titus Lo, Kemin Li, Haiming Huang	METHODS AND APPARATUS FOR MULTI-CARRIER COMMUNICATIONS SYSTEMS WITH AUTOMATIC REPEAT REQUEST (ARQ)	PCT
10/456,654	June 5, 2003	Titus Lo	ADAPTIVE COMMUNICATIONS SYSTEM AND METHOD	US
10/360,007	Feb. 7, 2003	Wen-Ping Ying	PROTECTING INFORMATION TRANSMISSIONS VIA ENCRYPTION, SUCH AS WITH KEY HOPPING TECHNIQUES IN AN 802.11 WIRELESS NETWORK	US
US05/03518	Jan. 27, 2005	Xiaodong Li, Titus Lo, Kemin Li, Haiming Huang	METHODS AND APPARATUS FOR OVERLAYING MULTI-CARRIER AND DIRECT SEQUENCE SPREAD SPECTRUM SIGNALS IN A BROADBAND WIRELESS COMMUNICATION SYSTEM	PCT
US05/08169	March 9, 2005	Xiaodong Li, Titus Lo, Kemin Li, Haiming Huang	METHOD AND APPARATUS FOR RANDOM ACCESS IN MULTI-CARRIER COMMUNICATION SYSTEMS	PCT
US05/14828	April 29, 2005	Xiaodong Li, Titus Lo, Kemin Li, Haiming Huang	METHODS AND APPARATUS FOR MULTI-CARRIER COMMUNICATIONS WITH VARIABLE CHANNEL BANDWIDTH	PCT
US05/14835	April 29, 2005	Xiaodong Li, Titus Lo, Kemin Li, Haiming Huang	METHODS AND APPARATUS FOR COMMUNICATION SYSTEM WITH TIME-DIVISION DUPLEXING	PCT
US05/23399	June 29, 2005	Xiaodong Li, Titus Lo, Kemin Li, Haiming Huang, Jun Meng	METHODS AND APPARATUS FOR POWER CONTROL IN MULTI-CARRIER SYSTEMS	PCT
60/665,184	Mar. 25, 2005	Haiming Huang, Xiaodong Li, Titus Lo, Kemin Li	METHODS AND APPARATUS FOR CELLULAR BROADCASTING AND COMMUNICATION SYSTEM	US

60/665,205	Mar. 25, 2005	Haiming Huang, Xiaodong Li, Titus Lo, Kemin Li	METHODS AND APPARATUS FOR SYNCHRONIZED DISTRIBUTION IN PACKET DATA NETWORKS	US
60/688,937	June 9, 2005	Haiming Huang, Xiaodong Li, Titus Lo, Kemin Li	METHODS AND APPARATUS FOR A POWER EFFICIENT BROADCASTING AND COMMUNICATION SYSTEM	US
60/704,141	July 29, 2005	Titus Lo, Xiaodong Li, Kemin Li, Haiming Huang	METHODS AND APPARATUS FOR MULTI-CARRIER COMMUNICATIONS USING NON-UNIFORM SYMBOL STRUCTURES	US
60/721,451	Sept. 28, 2005	Xiaodong Li, Haiming Huang, Titus Lo, Ruifeng Wang	METHOD AND APPARATUS FOR MULTI-CARRIER PACKET COMMUNICATION WITH REDUCED OVERHEAD	US

Wallical Solutions, Inc.

By: [Signature]

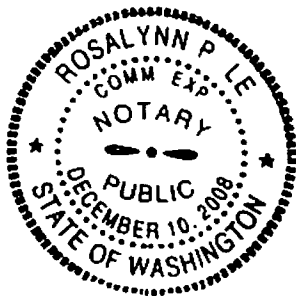
Name: XIAODONG LI

Title: PRESIDENT

Date: December 14, 2005

United States of America)
State of Washington) ss.:
County of King)

On this 14th day of December, 2005, before me personally came Xiaodong Li, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



[Signature] / Rosalynn Le
Notary Public

my comm. exp. December 10, 2008