

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5863607

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XIAODONG LI	10/06/2005
TITUS LO	10/06/2005
HAIMING HUANG	10/06/2005
KEMIN LI	10/06/2005
RECEIVING PARTY DATA	
Name:	WALTICAL SOLUTIONS, INC.
Street Address:	1750 112TH AVENUE NE
Internal Address:	SUITE D159
City:	BELLEVUE
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
CORRESPONDENCE DATA	
Fax Number:	(704)378-2057
<i>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.</i>	
Phone:	7043312359
Email:	iplaw@mvalaw.com, cindigraser@mvalaw.com
Correspondent Name:	MOORE & VAN ALLEN PLLC
Address Line 1:	100 NORTH TRYON STREET
Address Line 2:	SUITE 4700
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28202
ATTORNEY DOCKET NUMBER:	045057.000010
NAME OF SUBMITTER:	PETER B. STEWART
SIGNATURE:	/Peter B. Stewart/

PATENT

DATE SIGNED:	12/12/2019
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ASSIGNMENT BY INVENTORS

This Assignment is by Xiaodong Li; Titus Lo; Haiming Huang; and Kemin Li (the "Assignors"), residing at 9919 129th PL NE, Kirkland, Washington 98033; 13312 SE 43rd ST, Bellevue, Washington 98006; 605 141st CT SE #D203, Bellevue, Washington 98007; and 4228 144th LN SE, Bellevue, 98006, respectively. The Assignors have invented one or more certain inventions (the "Invention(s)") described in a Patent application for Letters Patent of the United States entitled METHODS AND APPARATUS FOR A POWER EFFICIENT BROADCASTING AND COMMUNICATION SYSTEM (the "Application"), executed concurrently herewith and naming the Assignors as inventors. The Assignors authorize the Assignee, identified below, or its representatives to insert the application number of the Application 60/688,937 when known.

Waltical Solution, Inc. (formerly Walbell Technologies, Inc.), a corporation of Washington having its principal place of business at Suite D159, 1750 112th Ave. NE, Bellevue, Washington 98004 ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting

with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

Xiaodong Li

Xiaodong Li

Date: 10/6/2005

United States of America

State of WA) ss.:

County of King)

On this 6th day of October, 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.



Bobby H. Ratty

Notary Public

PATENT

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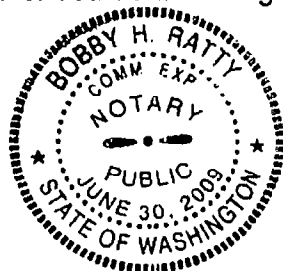
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[Signature]
Titus Lo

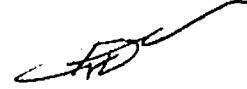
Date: 10/6/05

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

On this 6th day of October, 2005, before me
personally came Titus Lo, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.



[Signature]
Notary Public



Haiming Huang

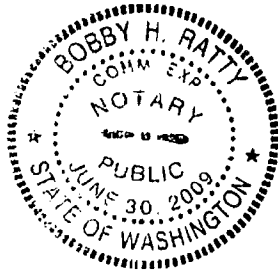
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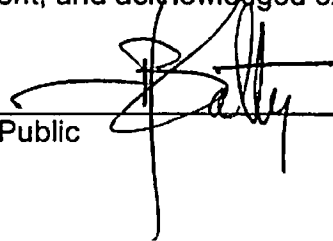
United States of America

State of WA) ss.:

County of King)

On this 6th day of October, 2005, before me personally came Haiming Huang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.





Notary Public

PATENT

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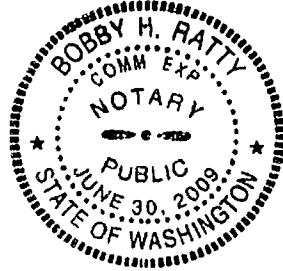
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Li
Kemin Li

Date: 10/06/2005

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

On this 6th day of October, 2005, before me
personally came Kemin Li, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.



Bally
Notary Public

Assignment

Page 1 of 5

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Correction by declaration Corrective Assignment to correct the spelling of the assignee's name previously recorded on Reel 023492 Frame 0350. Assignor(s) hereby confirms the correct spelling of assignee's name is Waltical Solutions, Inc.												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Xiaodong Li</td><td>10/06/2005</td></tr><tr><td>Titus Lo</td><td>10/06/2005</td></tr><tr><td>Haiming Huang</td><td>10/06/2005</td></tr><tr><td>Kemin Li</td><td>10/06/2005</td></tr></tbody></table>		Name	Execution Date	Xiaodong Li	10/06/2005	Titus Lo	10/06/2005	Haiming Huang	10/06/2005	Kemin Li	10/06/2005		
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Postal Code:	98004												
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Email: assignmentconfirmations@perkinscoie.com													
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name: Perkins Coie LLP Patent - SEA													
Address Line 1: P.O. Box 1247													
Address Line 4: Seattle, WASHINGTON 98111-1247													
ATTORNEY DOCKET NUMBER:	61240-8016.US01												

PATENT

700474173

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REEL: 051262 FRAME: 0711

Assignment

Page 2 of 5

NAME OF SUBMITTER:	Stephen C. Bishop
Signature:	/SCB/
Date:	10/25/2011

Total Attachments: 191

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10/28/2011

Assignment

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PATENT

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RECEIPT INFORMATION

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PATENT

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10/28/2011

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10/28/2011

USPTO

11/10/2009 9:46:04 AM PAGE 4/005 Fax Server

TO:STEPHANIE OLSON COMPANY:PO BOX 1247

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.111/09/2009
501010580

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
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Application Number:	11571459												
CORRESPONDENCE DATA													
Fax Number: (206)350-9219 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Email: solson@perkinscoie.com													
Correspondent Name: Stephanie Olson													
Address Line 1: PO Box 1247													
Address Line 2: SEA-PAT													
Address Line 4: Seattle, WASHINGTON 98111-1247													
ATTORNEY DOCKET NUMBER:	61240.8016 US01												
NAME OF SUBMITTER:	Stephen C. Bishop												

OP \$40.00 11571459

USPTO

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TO:STEPHANIE OLSON COMPANY:PO BOX 1247

Total Attachments: 6

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Docket No.: 612408000
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION OF TITUS LO UNDER MPEP 323.01(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. I am Vice President of Technology and Operations at NEOCIFIC, INC., assignee of the patent applications listed in the attached table (the "**Applications**"). Through my work at NEOCIFIC, INC., I have first-hand knowledge of the patents and applications owned by NEOCIFIC, INC.

2. Through knowledge and belief, I understand that the rights in the Applications were assigned to NEOCIFIC, INC. from WALTICAL SOLUTIONS, INC. as reflected in the assignments recorded at the Reel/Frame numbers in column (3) of the attached table. A copy of the assignment document from WALTICAL SOLUTIONS, INC. to NEOCIFIC, INC. for each application is provided in an exhibit as noted in column (4) of the table. A copy of the Notice of Recordation of each assignment document is provided in an exhibit as noted in column (5) of the table.

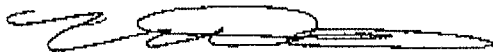
3. I was previously Vice President of Engineering and Operations at WALTICAL SOLUTIONS, INC. Through my work at WALTICAL SOLUTIONS, INC., I have first-hand knowledge of the patents and applications owned by WALTICAL SOLUTIONS, INC. In 2005, a portion of the assets of WALTICAL SOLUTIONS, INC. were transferred to NEOCIFIC, INC., including the Applications.

4. Through knowledge and belief, I understand that the rights of the inventors in the Applications were initially assigned to WALTICAL SOLUTIONS, INC. as reflected in the assignments recorded at the Reel/Frame numbers in column (6) of the attached

table. A copy of the assignment document from the inventors to WALTICAL SOLUTIONS, INC. for each application is provided in an exhibit as noted in column (7) of the table. A copy of the Notice of Recordation of each assignment document is provided in an exhibit as noted in column (8) of the table.

5. Each assignment recorded from the inventors to WALTICAL SOLUTIONS, INC. includes an inadvertent error. The error is that WALTICAL SOLUTIONS, INC. is identified in each assignment as WALTICAL SOLUTION, INC. The omission of the "s" was a typographical error. The correct spelling of the company name is WALTICAL SOLUTIONS, INC. Attached as Exhibit J is an online printout from the Washington Secretary of State showing that the correct spelling of the company name is WALTICAL SOLUTIONS, INC., as incorporated in Washington on November 7, 2003. Accordingly, the current assignee, NEOCIFIC, INC. hereby requests correction of the inadvertent error in each assignment recorded at the Reel/Frame numbers listed in column (6) of the table.

6. I further declare that all statements herein made of my own knowledge are true, and that all statements made on information or belief are believed to be true; and further, that the statements are made with the knowledge that the making of willful or false statements or the like is punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may jeopardize the validity of any patents issuing from the present patent applications.



Name: Titus Lo

Title: Vice President of Technology and Operations

Neocific, Inc.

Date: 10/19/2011

Docket No.: 612408000

Patent Applications

Application Serial No. Column (1)	Filing Date Column (2)	Reel/Frame Number Column (3)	Assignment Column (4)	Notice of Recordation of Assignment Column (5)	Reel/Frame Number Column (6)	Assignment Column (7)	Notice of Recordation of Assignment Column (8)
10/583,529	6/16/2006	017363 / 0370	Exhibit A1	Exhibit A2	023479 / 0163	Exhibit A3	Exhibit A4
10/583,239	10/16/2008	017363 / 0370	Exhibit B1	Exhibit B2	021757 / 0963	Exhibit B3	Exhibit B4
10/583,229	8/27/2008	017363 / 0370	Exhibit C1	Exhibit C2	023489 / 0816	Exhibit C3	Exhibit C4
10/583,158	8/27/2008	017363 / 0370	Exhibit D1	Exhibit D2	023491 / 0649	Exhibit D3	Exhibit D4
11/568,385	8/16/2007	017363 / 0370	Exhibit E1	Exhibit E2	023175 / 0461	Exhibit E3	Exhibit E4
11/569,064	6/12/2007	017363 / 0370	Exhibit F1	Exhibit F2	023491 / 0061	Exhibit F3	Exhibit F4
11/571,468	11/28/2007	023492 / 0200	Exhibit H1	Exhibit H2	023492 / 0172	Exhibit H3	Exhibit H4
11/571,469	10/9/2006	023492 / 0371	Exhibit I1	Exhibit I2	023492 / 0350	Exhibit I3	Exhibit I4

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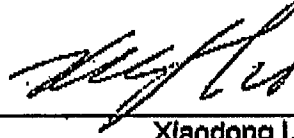
ASSIGNMENT BY INVENTORS

This Assignment is by Xiaodong Li; Titus Lo; Haiming Huang; and Kemlin Li (the "Assignors"), residing at 9919 129th PL NE, Kirkland, Washington 98033; 13312 SE 43rd ST, Bellevue, Washington 98006; 605 141st CT SE #D203, Bellevue, Washington 98007; and 4228 144th LN SE, Bellevue, 98006, respectively. The Assignors have invented one or more certain inventions (the "Invention(s)") described in a Patent application for Letters Patent of the United States entitled METHODS AND APPARATUS FOR A POWER EFFICIENT BROADCASTING AND COMMUNICATION SYSTEM (the "Application"), executed concurrently herewith and naming the Assignors as Inventors. The Assignors authorize the Assignee, identified below, or its representatives to insert the application number of the Application 60/688,937 when known.

Waltical Solution, Inc. (formerly Walbell Technologies, Inc.), a corporation of Washington having its principal place of business at Suite D159, 1750 112th Ave. NE, Bellevue, Washington 98004 ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting

with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the invention(s) to Assignee. This Assignment may be executed in counterparts.



Xiaodong Li

Date: 10/6/2005

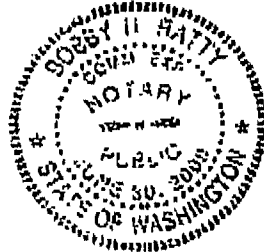
United States of America

State of

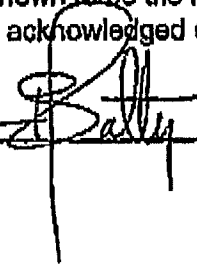
County of

WA } ss.:
King

On this 6th day of October, 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.



Notary Public



PATENT

REEL: 027157 FRAME: 0906

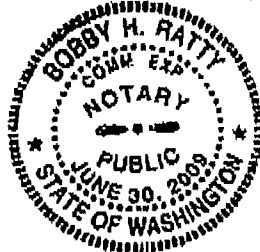
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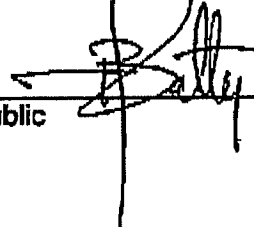
Titus Lo

Date: 10/6/05United States of America)
State of WA) ss.:
County of King)

On this 6th day of October, 2005, before me
personally came Titus Lo, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.



Notary Public



PATENT

REEL: 027145 FRAME: 0907

REEL: 051262 FRAME: 0724


Haiming Huang

Date: 10/6/2005

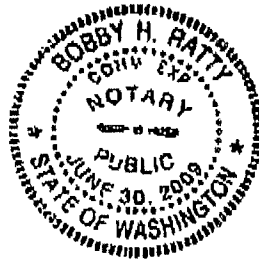
United States of America

State of

County of

ss.:
King

On this 6th day of October, 2005, before me
personally came Haiming Huang, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.




Notary Public

PATENT

REEL: 027145 FRAME: 0908

PATENT

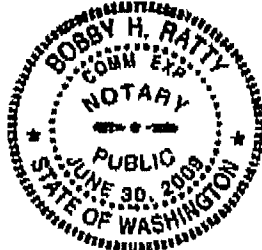
REEL: 051262 FRAME: 0725

Kemin Li

Date: 10/06/2005

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

On this 6th day of October, 2005, before me
personally came Kemin Li, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.



Notary Public