PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI976832

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Newracom, Inc.	03/30/2025

RECEIVING PARTY DATA

Company Name:	Avalon Technology Solutions LLC
Street Address:	6136 Frisco Square Blvd
Internal Address:	Suite 400
City:	Frisco
State/Country:	TEXAS
Postal Code:	75034

PROPERTY NUMBERS Total: 28

Property Type	Number
Application Number:	17808082
Application Number:	18794117
Application Number:	17356926
Application Number:	18672900
Application Number:	17396481
Application Number:	18805899
Application Number:	18582157
Application Number:	17450895
Application Number:	18903733
Application Number:	18645036
Application Number:	18753803
Application Number:	18812135
Application Number:	18917338
Patent Number:	11398886
Patent Number:	11115163
Patent Number:	11722270
Patent Number:	11128409
Patent Number:	11349612
Patent Number:	11539458

Property Type	Number
Patent Number:	11564243
Patent Number:	12028851
Patent Number:	12096275
Patent Number:	11546023
Patent Number:	11936444
PCT Number:	US2278534
PCT Number:	US2281157
PCT Number:	US2361758
PCT Number:	US2317780

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 6174392230
Email: docket@nutter.com
Correspondent Name: Thomas J. Lavan
Address Line 1: 155 Seaport Blvd
Address Line 2: Nutter, McClennen & Fish, LLP
Address Line 4: Boston, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	125327
NAME OF SUBMITTER:	Yuliya Artsisheuskaya
SIGNATURE:	/Yuliya Artsisheuskaya/
DATE SIGNED:	05/02/2025

Total Attachments: 4
source=125327_Assignment#page1.tiff
source=125327_Assignment#page2.tiff
source=125327_Assignment#page3.tiff
source=125327_Assignment#page4.tiff

ASSIGNMENT

WHEREAS, NEWRACOM, INC., a Delaware corporation, having a place of business at 505 Technology Dr. Suite #100, Irvine, CA 92618 (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 **U.S. Patents listed in Exhibit A**;

AND WHEREAS, AVALON TECHNOLOGY SOLUTIONS LLC, a Texas limited liability company having a place of business at 6136 Frisco Sq. Blvd., Suite 400, Frisco, TX 75034 (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 **U.S. Patents listed in Exhibit A**, and all the inventions therein, and Assignor is willing to enter into such assignment.

NOW, THEREFORE, effective on March 30, 2025 and in consideration of 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 **U.S. Patents listed in Exhibit A,** 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 communicate to ASSIGNEE any and all facts known to it respecting said patents, and testify in any legal proceeding, 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 generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said inventions in all countries.

FOR USPTO RECORDING

IN TESTIMONY WHEREOF, I hereunto set my hand this 30th day of March, 2025.

NEWRACOM, Inc.
(Assignor)

By _____

Name Bin Jiang

Title Director.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Orange)

On 03/31/2025 before me, Heriberto Valdovinos, Notary Public
Date *Here Insert Name and Title of the Officer*

personally appeared Bin Jiang
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

HERIBERTO VALDOVINOS
Commission # 2503868
SAN BERNARDINO County
California - Notary Public
COMM. EXP. NOV. 4, 2028

Signature Eddie Z
Signature of Notary Public

EXHIBIT A

Application Num	Filing Date	Title of Invention	Patent Num
16/925,613	7/10/2020	MIDAMBLE OPERATION IN A WIRELESS LOCAL AREA NETWORK	11,398,886
17/808,082	6/21/2022	MIDAMBLE OPERATION IN A WIRELESS LOCAL AREA NETWORK	
18/794,117	8/5/2024	MIDAMBLE OPERATION IN A WIRELESS LOCAL AREA NETWORK	
16/988,613	8/8/2020	ENHANCED RESOURCE UNIT ALLOCATION IN WIRELESS LOCAL AREA NETWORK	11,115,163
17/393,790	8/4/2021	ENHANCED RESOURCE UNIT ALLOCATION IN WIRELESS LOCAL AREA NETWORK	11,722,270
16/991,942	8/12/2020	HYBRID AUTOMATIC REPEAT REQUESTS IN A WIRELESS LOCAL AREA NETWORK	11,128,409
17/033,365	9/25/2020	HYBRID AUTOMATIC REPEAT REQUEST TECHNIQUES IN A WIRELESS LOCAL AREA NETWORK	11,349,612
17/169,178	2/5/2021	MULTIPLE RESOURCE UNIT SIGNALING IN A WIRELESS LOCAL AREA NETWORK	11,539,458
17/356,926	6/24/2021	OVERLAPPING BASIC SERVICE SET STATUS INDICATION FOR AN ACCESS POINT COOPERATIVE TRANSMISSION	
17/222,827	4/5/2021	SIGNALING METHOD FOR MULTIPLEXING DIFFERENT AMENDMENT DEVICES IN AN ENHANCED WIRELESS LOCAL AREA NETWORK	11,564,243
18/069,830	12/21/2022	SIGNALING METHOD FOR MULTIPLEXING DIFFERENT AMENDMENT DEVICES IN AN ENHANCED WIRELESS LOCAL AREA NETWORK	12,028,851
18/672,900	5/23/2024	SIGNALING METHOD FOR MULTIPLEXING DIFFERENT AMENDMENT DEVICES IN AN ENHANCED WIRELESS LOCAL AREA NETWORK	
17/396,481	8/6/2021	EXTENDING COMMUNICATION RANGE OF WIRELESS DEVICES OPERATING IN A 6 GIGAHERTZ BAND	
17/402,457	8/13/2021	PADDING METHOD FOR AGGREGATED PPDU IN ENHANCEMENT OF IEEE 802.11AX	12,096,275
18/805,899	8/15/2024	PADDING METHOD FOR AGGREGATED PPDU IN ENHANCEMENT OF IEEE 802.11AX	
17/448,341	9/21/2021	FRAME EXCHANGE METHOD FOR BEAMFORMING	11,546,023
18/055,611	11/15/2022	FRAME EXCHANGE METHOD FOR BEAMFORMING	11,936,444
18/582,157	2/20/2024	FRAME EXCHANGE METHOD FOR BEAMFORMING	
17/450,895	10/14/2021	MULTI-LINK OPERATION AND INDICATION FOR NEXT GENERATION WIRELESS LOCAL AREA NETWORKS	
18/903,733	10/1/2024	MULTI-LINK OPERATION AND INDICATION FOR NEXT GENERATION WIRELESS LOCAL AREA NETWORKS	
PCT/US2022/78534	10/21/2022	FRAME EXCHANGE SEQUENCE FOR MULTI-AP COOPERATION IN ENHANCEMENT OF IEEE802.11AX	
18/645,036	4/24/2024	FRAME EXCHANGE SEQUENCE FOR MULTI-AP COOPERATION	
EP22888404.5	10/21/2022	FRAME EXCHANGE SEQUENCE FOR MULTI-AP COOPERATION	
BR1120240080552	10/21/2022	FRAME EXCHANGE SEQUENCE FOR MULTI-AP COOPERATION	
CN202280071583.X	10/21/2022	FRAME EXCHANGE SEQUENCE FOR MULTI-AP COOPERATION	
10-2014-7017074	10/21/2022	FRAME EXCHANGE SEQUENCE FOR MULTI-AP COOPERATION	
IN202447036313	10/21/2022	FRAME EXCHANGE SEQUENCE FOR MULTI-AP COOPERATION	
PCT/US2022/81157	12/8/2022	Low latency transmission in wireless networks	
18/753,803	6/26/2024	Low latency transmission in wireless networks	
EP22917433.9	12/8/2022	Low latency transmission in wireless networks	
BR112024012904-7	12/8/2022	Low latency transmission in wireless networks	

CN202280086228.X	12/8/2022	Low latency transmission in wireless networks	
10-2024-7024070	12/8/2022	Low latency transmission in wireless networks	
IN202447052100	12/8/2022	Low latency transmission in wireless networks	
PCT/US2023/061758	2/1/2023	CHANNEL PUNCTURING INDICATION IN AN EHT SOUNDING NDP FRAME FOR IEEE 802.11BE	
18/812,135	8/22/2024	CHANNEL PUNCTURING INDICATION IN AN EHT SOUNDING NDP FRAME FOR IEEE 802.11BE	
EP23764020.6	2/1/2023	CHANNEL PUNCTURING INDICATION IN AN EHT SOUNDING NDP FRAME FOR IEEE 802.11BE	
BR112024017941-9	2/1/2023	CHANNEL PUNCTURING INDICATION IN AN EHT SOUNDING NDP FRAME FOR IEEE 802.11BE	
CN202380024862.5	2/1/2023	CHANNEL PUNCTURING INDICATION IN AN EHT SOUNDING NDP FRAME FOR IEEE 802.11BE	
10-2024-7032272	2/1/2023	CHANNEL PUNCTURING INDICATION IN AN EHT SOUNDING NDP FRAME FOR IEEE 802.11BE	
IN202447073014	2/1/2023	CHANNEL PUNCTURING INDICATION IN AN EHT SOUNDING NDP FRAME FOR IEEE 802.11BE	
18/179,333	3/6/2023	LONG INTER-FRAME SPACE FOR LOW LATENCY TRANSMISSION	
PCT/US2023/17780	4/6/2023	ENHANCED RESTRICTED ACCESS WINDOW MECHANISM FOR LOW LATENCY TRANSMISSION	
18/917,338	10/16/2024	ENHANCED RESTRICTED ACCESS WINDOW MECHANISM FOR LOW LATENCY TRANSMISSION	
EP23797007.4	4/6/2023	ENHANCED RESTRICTED ACCESS WINDOW MECHANISM FOR LOW LATENCY TRANSMISSION	
BR112024021584-9	4/6/2023	ENHANCED RESTRICTED ACCESS WINDOW MECHANISM FOR LOW LATENCY TRANSMISSION	
CN202380036157.7	4/6/2023	ENHANCED RESTRICTED ACCESS WINDOW MECHANISM FOR LOW LATENCY TRANSMISSION	
10-2024-7038286	4/6/2023	ENHANCED RESTRICTED ACCESS WINDOW MECHANISM FOR LOW LATENCY TRANSMISSION	
IN202447078605	4/6/2023	ENHANCED RESTRICTED ACCESS WINDOW MECHANISM FOR LOW LATENCY TRANSMISSION	