11/03/2016 504079953

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| LEONARD JOSEPH CIMINI JR. | 08/19/1999 |
| NELSON RAY SOLLENBERGER | 08/18/1999 |

RECEIVING PARTY DATA

| Name: | AT&T CORP. | |
|-----------------|---------------------------|--|
| Street Address: | 32 AVENUE OF THE AMERICAS | |
| City: | NEW YORK | |
| State/Country: | NEW YORK | |
| Postal Code: | 10013 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14577483 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 113367CON5 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | KIRSTEN HUNTER |
| SIGNATURE: | /Kirsten Hunter/ |
| DATE SIGNED: | 11/03/2016 |

Total Attachments: 4

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> **PATENT** 504079953

REEL: 040211 FRAME: 0475

Attorney Docket Number: 113367

ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Leonard Joseph Cimini Jr. of Howell in the County of Monmouth County and State of New Jersey, and Nelson Ray Sollenberger of Tinton Falls in the County of Monmouth County and State of New Jersey, hereby sells, assigns and transfers to AT&T Corp., a corporation of the State of New York, having an office at AT&T Corp., 32 Avenue of the Americas, New York 10013-2412, United States of America, and its successors, assignees and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

Method And System For Reduction Of Peak-To-Average Power Ratio Of Transmission Signals Comprising Overlapping Waveforms

| described in an application for Letters Patent for the United States of America, |
|--|
| for which an application for a United States Patent was executed on |
| \bigotimes for which an application for a United States Patent was filed on $06/02/1999$ Application Number 19/324487, |
| and all the rights and privileges in the state of the sta |

and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and the undersigned also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

The undersigned authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

The undersigned request that any and all patents for said inventions be issued to AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

The undersigned agree that, when requested, the undersigned shall, without charge to AT&T Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

PATENT REEL: 040211 FRAME: 0477

Attorney Docket Number: 113367

Date: 08-19-1999

United States of America

State of New Jersey

County of Menmouth

) ss.:

On this Afficacy of August, 1999 before me personally came Leonard Joseph Cimini Jr., to me known to be the individual described in and who executed the foregoing

instrument, and acknowledged execution of the same.

D. E. WORKMAN-WILLIAMS

AT&T CORP. P.O. Box 4110 Middletown, New Jersey 07748-4801



PATENT REEL: 040211 FRAME: 0478

Attorney Docket Number: 113367

Aller May Adler Sugar Nelson Ray Solle Berger

Date: \$\int 1/8/19

United States of America

State of New Jers.ey

County of Menmouth

) ss.:

)

On this 18th day of August, 1999 before me personally came Nelson Pay Sollenberger, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

D. E. WORKMAN-WILLIAMS

MY COMMISSION EXPIRES 05-27-2002

AT&T CORP. P.O. Box 4110

Middletown, New Jersey 07748-4801



PATENT

REEL: 040211 FRAME: 0479

RECORDED: 11/03/2016