501957951 06/15/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------|----------------|
| Jie Chen | 06/04/2012 |

RECEIVING PARTY DATA

| Name: | AT&T INTELLECTUAL PROPERTY I, L.P. | |
|-----------------|-------------------------------------|--|
| Street Address: | 675 W. Peachtree Street, Suite 4000 | |
| City: | Atlanta | |
| State/Country: | GEORGIA | |
| Postal Code: | 30375 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13525065 |

CORRESPONDENCE DATA

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Address Line 4: Bedminster, NEW JERSEY 07921

| ATTORNEY DOCKET NUMBER: | 2011-2217 (ATTWP575US) |
|-------------------------|------------------------|
| NAME OF SUBMITTER: | Thomas Watson |

Total Attachments: 2

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> PATENT REEL: 028387 FRAME: 0697

IOP \$40,00 13525065

2011-2217

ASSIGNMENT OF INVENTION TO AT&T INTELLECTUAL PROPERTY I, L.P.

WHEREAS, Jie Chen of Madison, New Jersey; (hereinafter sometimes referred to as "said inventor"), has invented certain new and useful improvements in **GEOGRAPHIC REDUNDANCY DETERMINATION FOR TIME BASED LOCATION INFORMATION IN A WIRELESS RADIO NETWORK**, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 2011-2217, in the patent files of AT&T INTELLECTUAL PROPERTY I, L.P., a partnership organized and existing under the laws of the State of Nevada, having a principal place of business at 675 W. Peachtree Street, Suite 4000, Atlanta, GA 30375.

I hereby authorize and request Turocy & Watson, LLP, to insert here in parentheses (Application No._______, filed______) the filing date and application number of said application when known or to file this Assignment concurrently with the application.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventor has sold, assigned and transferred and by these present do sell, assign and transfer unto AT&T INTELLECTUAL PROPERTY I, L.P. the entire right, title and interest in said invention in the United States of America and all foreign countries and in and to said U.S. patent application and all patent applications, divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and in all priority rights under the International Convention for the Protection of Industrial Property for every member country, and in all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said invention in any foreign countries, and in all patents (including all extensions, renewals and reissues thereof) granted for said invention; said applications and patents to be held and enjoyed by the said AT&T INTELLECTUAL PROPERTY I, L.P. for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same may be granted, as fully and entirely as the same would have been held by said inventors had this assignment and sale not been made.

FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents on said invention or in filing any divisional, continuation, substitution, or reissue patent application or re-examination proceedings on said invention whether in the United States of America or in any foreign country.

2011-2217

ASSIGNMENT OF INVENTION TO AT&T INTELLECTUAL PROPERTY I, L.P.

| Signed: | Date: |
|--|--|
| JIE CHEN | 06/04/2012 |
| JIE CHEN | |
| CERTIFICATE (| OF ACKNOWLEDGMENT |
| State of | |
| State of $\frac{N}{N}$ | |
| On <u>6 - 4 - 12</u> before me, _ | |
| personally appeared <u>JIE CHEN</u> Name(s) of Signer(s) | |
| | _ personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. |
| | WITNESS my hand and official seal. |
| | Signature of Notary Public |

CHANDRAKANT PATEL
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JAN. 17, 2006

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RECORDED: 06/15/2012