

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Suman Banerjee</td> <td>03/28/2011</td> </tr> <tr> <td>Arunesh Mishra</td> <td>05/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	Suman Banerjee	03/28/2011	Arunesh Mishra	05/01/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Wisconsin Alumni Research Foundation</td> </tr> <tr> <td>Street Address:</td> <td>614 Walnut Street</td> </tr> <tr> <td>City:</td> <td>Madison</td> </tr> <tr> <td>State/Country:</td> <td>WISCONSIN</td> </tr> <tr> <td>Postal Code:</td> <td>53726</td> </tr> </table>		Name:	Wisconsin Alumni Research Foundation	Street Address:	614 Walnut Street	City:	Madison	State/Country:	WISCONSIN	Postal Code:	53726
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PROPERTY NUMBERS Total: 2											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12555379</td> </tr> <tr> <td>Application Number:</td> <td>61095216</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12555379	Application Number:	61095216				
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CORRESPONDENCE DATA											
Fax Number: 6082631064 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 608-263-7677 Email: akruse@warf.org Correspondent Name: Amy Kruse Address Line 1: 614 Walnut Street Address Line 2: 13th Floor Address Line 4: Madison, WISCONSIN 53726											
ATTORNEY DOCKET NUMBER:	P08297US										
NAME OF SUBMITTER:	Amy Kruse										
Signature:	/Amy Kruse/										

Date:

05/23/2013

Total Attachments: 4

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ASSIGNMENT
(Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional or utility United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date
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METHOD AND APPARATUS FOR IMPROVING ENERGY EFFICIENCY OF MOBILE DEVICES THROUGH ENERGY PROFILING BASED RATE ADAPTATION			
PAT	UNITED STATES	12/555379	September 8, 2009

ALGORITHMS FOR INTERFERENCE MITIGATION IN 802.11 WIRELESS LANS THROUGH CENTRALIZED SPECULATIVE SCHEDULING			
PRV	UNITED STATES	61/095216	September 8, 2008

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional and utility applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P08297US
Wisconsin Alumni Research Foundation

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P08297US

App.#: 12/555379, Filed: September 8, 2009

Inventor: Suman Banerjee

Date: 3/28/11

Suman Banerjee
7513 Whitacre Rd.
Madison, WI 53717

State of Wisconsin)
)ss.
County of Dane)

On this 28th day of March, 2011 before me personally appeared Suman Banerjee, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Kacia Stevenson
Notary Public

My Commission expires: November 9, 2014

ASSIGNMENT

Wisconsin Alumni Research Foundation

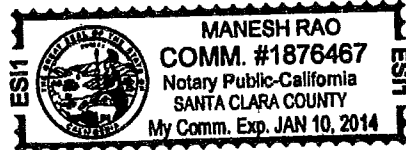
Ref: P08297US

App.#: 12/555379, Filed: September 8, 2009

Inventor: Arunesh Mishra

Date: 05/01/2011

Arunesh Mishra
888 O'Farrell Apt E-1004
San Francisco, CA 94109 USA



State of Wisconsin)
)ss.
County of Dane)

On this _____ day of _____, 20__ before me personally appeared Arunesh Mishra, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My Commission expires: _____

ACKNOWLEDGMENT

State of California

County of SANTA CLARA)

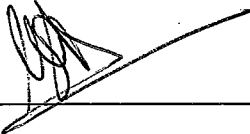
On 1ST MAY 2013 before me, MANESH RAO NOTARY PUBLIC
(insert name and title of the officer)

personally appeared ARUNESH MISHRA
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.

Signature



(Seal)

