502121190 11/07/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| Nirwan Ansari | 11/07/2012 |
| Tao Han | 11/07/2012 |

RECEIVING PARTY DATA

| Name: | New Jersey Institute of Technology | |
|-------------------|--------------------------------------|--|
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| Internal Address: | University Heights | |
| City: | Newark | |
| State/Country: | NEW JERSEY | |
| Postal Code: | 07102-1982 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------|-----------|
| PCT Number: | US1262135 |

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Total Attachments: 2

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PATENT

REEL: 029259 FRAME: 0400

OF \$40.00 US126213

PCT ASSIGNMENT FORM

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we the undersigned,

Nirwan Ansari, 9 Barge Court, Montville, NJ, 07045-9160 Tao Han, 131 Morgan Place, North Arlington, NJ, 07031

(hereinafter, "ASSIGNOR"), who have created a certain invention entitled:

CELL SIZE OPTIMIZATION FOR ENERGY SAVINGS IN CELLULAR NETWORKS WITH HYBRID ENERGY SUPPLIES

for which PCT - Patent Cooperation Treaty Patent Application No. <u>PCT/US2012/62135</u> has been filed with the United States Receiving Office at the USPTO on: <u>10/26/2012</u>

Do hereby sell, assign and transfer to **NEW JERSEY INSTITUTE OF** TECHNOLOGY, a New Jersey public research university having its principal office at 323 Dr. Martin Luther King Jr. Blvd., University Heights, Newark, New Jersey, 07102-1982 (hereinafter, "ASSIGNEE"), its successors, assigns and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all non-provisional applications, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, union, agreements, acts, and treaties; I/we authorize ASSIGNEE to apply for and receive Letters Patent for such protection in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said ASSIGNEE, but without charge to ASSIGNEE, its successors, assigns and legal representatives, the undersigned will execute all non-provisional applications, continuations-inpart, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said ASSIGNEE, its successors and assigns, and legal representatives all facts known to the undersigned relating to said invention and the applications for patents on said invention in said ASSIGNEE, its successors, assigns and legal representatives; and Covenant with said ASSIGNEE, its successors, assigns and legal representatives that no assignment, grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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IN TESTIMONY WHEREOF, I/we have hereunto set our signature(s) below. (please use BLUE ink)

Nirwan Ansari

Ausan 11-7-2012

Tao Han

Date

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