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3 Nature of conveyance
 Assignment Merger
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 Execution Date(s): September 1, 2010

4. Application number(s) or patent number(s).
 This document is being filed together with a new application
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 (a) Patent Application No(s) 12/938,611, filed November 3, 2010; or
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5 Name and address of party to whom correspondence concerning document should be mailed
STAAS & HALSEY LLP Our Docket 2117 1058
 Attention John C. Garvey
 1201 New York Ave., N.W., 7th Floor
 Washington, D C 20005

6 Total number of applications and patents involved 1

7 Total fee (37 CFR 3.41) _____ (\$ 40.00 per Patent or Application in Assignment)
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IN CONSIDERATION of the sum of One Dollar (\$1 00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

Electronics and Telecommunications Research Institute
161 Gajeong-dong, Yuseong-gu
Daejeon 305-700
Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of invention)

APPARATUS AND METHOD FOR SHARING FREQUENCY

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(a) executed on _____ *(Insert date of execution of application, if not concurrent)*

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Serial No. _____

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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s)
(Typed Name & Signature of Inventor(s)) *(Date)* *(Typed Name & Signature of Witness(es))*

1) Hyunduk Kang 9/4/2010 _____
Hyunduk KANG

2) Heon Jin HONG 9/1/2010 _____
Heon Jin HONG

3) _____

4) _____