504019153 09/23/2016

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

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SUHUA TANG	06/14/2013
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TETSUYA ITO	06/20/2013
AKIRA MATSUMOTO	06/20/2013
KOICHI YOSHIMURA	06/20/2013

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15268003	

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PATENT REEL: 039841 FRAME: 0334

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ATTORNEY DOCKET NUMBER:	P23881US01	
NAME OF SUBMITTER:	SUNG-HOON KIM	
SIGNATURE:	/Sung-Hoon Kim/	
DATE SIGNED:	09/23/2016	
Total Attachments: 4		

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> PATENT REEL: 039841 FRAME: 0335

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's Name(s) Address(es)) (1) Advanced Telecommunications Research Institute International, 2-2, Hikaridai 2-chome, Seika-cho, Soraku-gun, Kyoto 619-0288 Japan (2) NEC Communication Systems, Ltd., 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 Japan

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

WIRELESS BASE STATION AND WIRELESS COMMUNICATION SYSTEM USING THE SAME

(Title of Invention)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

fi	led	en	Application	No.	
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(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application (e.g., provisional or non-provisional) or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination applications thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP

(Signatures)

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

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イ 毎 きな	KONDO Yoshihisa	Tou 25 20/3
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7 8 8 Amer		Tarana
////	TANG Suhua	Jun 19/ 2017
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NO LEGALIZATION REQUIRED

ASSIGNMENT

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(Insert ASSIGNEE's Name(s) Address(es)) (1) Advanced Telecommunications Research Institute International, 2-2, Hikaridai 2-chome, Seika-cho, Soraku-gun, Kyoto 619-0288 Japan (2) NEC Communication Systems, Ltd., 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 Japan

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for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on	Application No.	

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and all Letters Patent of the United States to be obtained therefore on said application (e.g., provisional or non-provisional) or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

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The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination applications thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP

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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

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NO LEGALIZATION REQUIRED

RECORDED: 09/23/2016