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PTO-1595 3-92 RECORDATION FO PATENTS	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office SONLY Docket No.: 2080-359
To the Assistant Commissioner for Patents: Please rec	ord the attached original documents or copy thereof.
	 Name and address of receiving party(ies): LG ELECTRONICS INC. 20, Yoido-dong, Youngdungpo-gu Seoul, Korea
Other Execution Date: March 10, 2008	Additional name(s) & address(es) attached? 🔲 Yes 🖾 No
A. Patent Application No.(s) 12/045,493 Additional numbers attac	ment is being filed together with a new application. B. Patent No.(s) N/A hed? □ Yes ⊠ No
 Name and address of party to whom correspondence concerning document should be mailed: JONATHAN Y. KANG, ESQ. LEE, HONG, DEGERMAN, KANG & SCHMADEKA 660 South Figueroa Street Suite 2300 Los Angeles, CA 90017 	 6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41) \$40 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 502290 (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct the fo	ect and any attached copy is a true copy of the original document. Date: March 10, 2008
ОМВ No. 0651-0011 (exp. 4/94) Mail documents to be recorded with required cover sheet in Mail Stop Assignmen Director of the U.S. Pat P.O. I	nformation to: nt Recordation Services tent and Trademark Office Box 1450 VA 22313-1450

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ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1) Yong Ho SEOK(5) Sook Hyun YANG(2) Dong Hi SiM(6) Jae Young LEE(3) Ji Young HUH(7)(4) Alexander A. Safonov(8)
(9) (10) (11)	Insert name of Assignee Insert state of Incorporation of Assignee Insert address of Assignee	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to (9) LG Electronics inc. (10) Republic of Korea (11) 20, Yeouldo-dong, Yeoungdsungpo-gu Seoul, Korea (hereinafter designated as the Assignee) the entire worldwide right, the and interest in the invention known as
(12)	insert identification of Invention, such as Tilia, Case Number of Foreign Application Number	(12) PEER POWER SAVE MODE IN TUNNELED DIRECT LINK SETUP (TDLS) WIRELESS NETWORK (Application Serial No.) for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
(13)	Insert Date of Signing of Application	(13) March 10, 2008

1) The undersigned agree(s) to execute all papers necessary in connection with any original, relasue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby appoints the Attorneys Associated with Customer No. 035684 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Dale:	10. March	Signature of Inventor	<u>igho Sci</u>	<u>k</u>		<u> </u>
	March 19,200		IM Dang	H:		
Date:	Nov. 10, 2008	Signature of inventor	To young	Hah	<u> </u>	
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Data: March 10,200	Signature of inventor
Date:	Signature of Inventor

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