

Form PTO-1595  
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# RECORDATION FORM COVER LETTER

## PATENTS ONLY

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Attorney Docket No.: 2101-3546


To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Shu WANG</p> <p>2. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment                      <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement              <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Joint Research Agreement</p> <p><input type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9424, Confirmatory License</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date(s): October 8, 2008</p>	<p>2. Name and address of receiving party(ies):</p> <p>LG ELECTRONICS INC. 20, Yoido-dong, Youngdungpo-gu Seoul, Korea</p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>4. Application number(s) or patent number(s):</p> <p>A. Patent Application No.(s) 12/245,520</p>	<p><input type="checkbox"/> This document is being filed together with a new application.</p> <p>B. Patent No.(s) N/A</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>JONATHAN Y. KANG, ESQ. LEE, HONG, DEGERMAN, KANG &amp; WAIMEY At the address associated with Customer No. 35884 Phone: (213) 623-2221 Fax: (213) 623-2211</p>	<p>6. Total number of applications and patents involved: [ 1 ]</p> <p>7. Total fee (37 CFR 3.41) \$40</p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 502290 (Attach duplicate copy of this page if paying by deposit account)</p>
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<p>9. Statement and signature.</p> <p><i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.</i></p> <p>_____/LEW EDWARD V. MACAPAGAL/  LEW EDWARD V. MACAPAGAL, REG. NO. 55,416</p>	<p>Date: December 22, 2008</p>
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OMB No. 0651-0011 (exp. 4/94)

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**PATENT**  
**REEL: 022026 FRAME: 0166**

CH \$40.00 502290 12245520

Attorney Docket No. 2101-3546

## ASSIGNMENT

(1-8) *Insert Name(s) of Inventor(s)* (1) SHU WANG (5)  
 (2) (6)  
 (3) (7)  
 (4) (8)

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) *Insert name of Assignee* (9) LG ELECTRONICS INC.  
 (10) *Insert state of Incorporation of Assignee* (10) Korea  
 (11) *Insert address of Assignee* (11) 20 Yoido-dong, Youngdungpo-gu,  
 Seoul, 150-010, Korea

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) *Insert Identification of Invention, such as Title, Case Number or Foreign Application Number* (12) OPTIMIZING TRANSMISSION FOR BROADCAST MULTICAST SERVICE  
 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) October 8, 2008

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, 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. 035884 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.

Date: 10/08/2008 Signature of Inventor: Shu Wang  
 Date: \_\_\_\_\_ Signature of Inventor \_\_\_\_\_  
 Date: \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

PATENT

RECORDED: 12/22/2008

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