

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Serial Number previously recorded on Reel 020315 Frame 0789. Assignor(s) hereby confirms the Correct Serial Number is 11/427,776.								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Seok BAE</td><td>06/16/2006</td></tr><tr><td>Mano YASUHIKO</td><td>06/16/2006</td></tr></tbody></table>		Name	Execution Date	Seok BAE	06/16/2006	Mano YASUHIKO	06/16/2006		
Name	Execution Date								
Seok BAE	06/16/2006								
Mano YASUHIKO	06/16/2006								
RECEIVING PARTY DATA									
<table border="1"><tr><td>Name:</td><td>SAMSUNG ELECTRO-MECHANICS CO., LTD.</td></tr><tr><td>Street Address:</td><td>314 MAETAN-3-DONG, YOUNGTONG-KU, SUWON</td></tr><tr><td>City:</td><td>KYUNGKI-DO</td></tr><tr><td>State/Country:</td><td>KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF</td></tr></table>		Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.	Street Address:	314 MAETAN-3-DONG, YOUNGTONG-KU, SUWON	City:	KYUNGKI-DO	State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF
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PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11427776</td></tr></tbody></table>		Property Type	Number	Application Number:	11427776				
Property Type	Number								
Application Number:	11427776								
CORRESPONDENCE DATA									
Fax Number: (703)518-5499 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 7036841111									
Email: awilson@ipfirm.com									
Correspondent Name: LOWE HAUPTMAN HAM AND BERNER									
Address Line 1: 1700 DIAGONAL ROAD									
Address Line 2: SUITE 300									
Address Line 4: ALEXANDRIA, VIRGINIA 22031									
ATTORNEY DOCKET NUMBER:	2336-460								
NAME OF SUBMITTER:	Ayesha Wilson								
Total Attachments: 12 source=2008-01-18-Corrective_Assignment_Docs#page1.tif source=2008-01-18-Corrective_Assignment_Docs#page2.tif									

OP \$40.00 11427776

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PATENT
REEL: 020388 FRAME: 0107

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PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

06/29/2006
500121502

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
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<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>SEOK BAE</td><td>06/16/2006</td></tr><tr><td>MANO YASUHIKO</td><td>06/19/2006</td></tr></tbody></table>		Name	Execution Date	SEOK BAE	06/16/2006	MANO YASUHIKO	06/19/2006		
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Address Line 4: ALEXANDRIA, VIRGINIA 22314									
ATTORNEY DOCKET NUMBER:	2336-460								
NAME OF SUBMITTER:	Ayesha Wilson								
Total Attachments: 3 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif									

OP \$40.00 11427776

Docket No.

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>BAE, Seok</u>	(4) _____
(2) <u>YASUHIKO, Mano</u>	(5) _____
(3) _____	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SAMSUNG ELECTRO-MECHANICS CO., LTD.
314 Maetan-3-dong, Youngtong-ku,
Suwon, Kyungki-do, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled INTERNAL CHIP ANTENNA

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____;
or

(b) for which an application for United States Letters Patent was executed on _____,

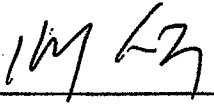
and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTOR(S)

DATE SIGNED

1) 
Name: BAE, Seok

June 16, 2006

2) 
Name: YASUHIKO, Mano

June 16, 2006

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

01/03/2008
500431753

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the to correct the second inventors execution date previously recorded on Reel 017857 Frame 0258. Assignor(s) hereby confirms the correct execution date of the second inventor is June 16, 2006 (6/16/2006).								
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NAME OF SUBMITTER:	Ayesha Wilson								
Total Attachments: 5 source=2008-01-03-CorrectiveAssignmentsDocs#page1.tif									

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O:LOWE HAUPTMAN HAM & BERNER LLP COMPANY:1700 DIAGONAL ROAD

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PATENT

RECORDED: 01/18/2008

REEL: 020388 FRAME: 0113