

12-12-2001



FORM PTO-1596  
1-31-92

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DOCKET NO.: 2336-085

101913145  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

<p>1. Name of conveying party(ies):</p> <p><b>Heung-Soo PARK and Jae-Suk SUNG</b></p> <p style="text-align: right;">12/5/01</p> <p>Additional name(s) of conveying party(ies) attached?</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <b>SAMSUNG ELECTRO-MECHANICS CO., LTD</b></p> <p>Internal Address:</p> <p>Street Address: <b>314 Maetan-3-dong, Paldal-ku, Suwon</b></p> <p>City: <b>Kyungki-do</b> State or Area:</p> <p>Zip/Postal Code: Country: <b>Republic of Korea</b></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"/> Other</p>	

Execution Date: <b>November 28, 2001</b>	Additional name(s) & address(es) attached?
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4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is: **November 28, 2001**

A. Patent Application No(s):	B. Patent No(s):
<b>10002002</b>	

Additional numbers attached?

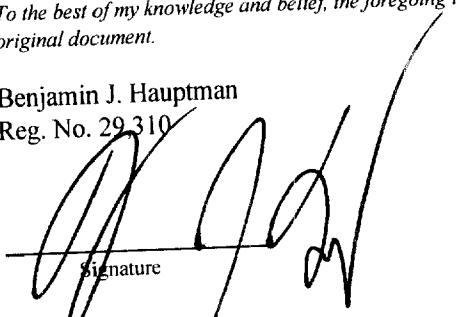
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name:</p> <p><b>LOWE HAUPTMAN GILMAN &amp; BERNER</b></p> <p>Internal Address:</p> <p>Street Address: <b>1700 Diagonal Road, Suite 310</b></p> <p>City: <b>Alexandria</b> State: <b>VA</b> ZIP: <b>22314</b></p>	<p>6. Total number of applications and patents involved: one</p> <p>7. Total fee (37 CFR 3.41) \$40.00</p> <p><input checked="" type="checkbox"/> Credit Card payment form enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 07-1337</p>
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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**Benjamin J. Hauptman**  
Reg. No. 29,310



December 5, 2001  
Date

Total number of pages comprising cover sheet: 3

CMB No. 0851-0011 (exp. 4/94)

11000 U.S. PTO  
10/002002  
12/05/01

**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>PARK, HEUNG-SOO</u> | (4) _____ |
| (2) <u>SUNG, JAE-SUK</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, Paldal-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 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) Park Heung Soo  
Name: PARK, HEUNG-SOO

November 28, 2001

2) Sung Jae Suk  
Name: SUNG, JAE-SUK

November 28, 2001