



To the Honorable Commissioner of Pat

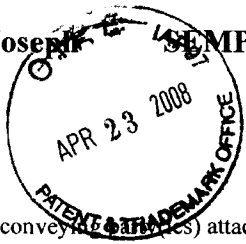
103499247

hed original documents or copy thereof.

4.23.08

1. Name of conveying party(ies):

1) William Joseph TEMPER



Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):

SAMSUNG ELECTRONICS CO., LTD.,  
a corporation chartered in and existing under the laws of  
the Republic of Korea  
416 Maetan-dong, Yeongtong-gu  
Suwon-si, Gyeonggi-do 442-370  
Republic of KOREA

Additional name(s) & addresses attached?  Yes  No

3. Nature of conveyance

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date 24 January 2008

4. Application number(s) or Patent number(s):

If this document is being filed together with a new application, the execution of the application is:

A. Patent Application No.(s)  
12/071,581

B. Patent No.(s)

Additional number(s) attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert E. Bushnell  
Attorney at Law  
Suite 300, 1522 "K" Street, N.W.  
Washington, D.C. 20005-1202  
(202) 408-9040

6. Total Number of applications and patents involved: ONE

7. Total fee (37 CFR § 3.41).....\$ U.S. \$40.00  
 Enclosed (Check# 54097)  
 Authorized to be charged to deposit account

8. Deposit Account Number:

(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 information is true and correct and any attached copy is a true copy of the original document.

ROBERT E. BUSHNELL  
Name of Person Signing

Signature

23 April 2008  
Date

Total number of pages including cover sheet: TWO

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with the required cover sheet information to:

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04/25/2008 MJAMAI 00000017 12071581

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40.00 UP

REB/kn (Attorney's Docket No.: P58523)

# ASSIGNMENT

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that:  
IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

**ASSIGNEE:** **SAMSUNG ELECTRONICS CO., LTD.,**  
*a corporation chartered in and existing under the laws of the Republic of Korea,*

**ADDRESS:** 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 442-370, Republic of Korea

Who is my Assignee, and to the successors and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

## TITLE: **IAS-BASED CONFIGURATION FOR UMB FEMTO DEVICES**

invented by me (*if only one inventor is named below*) or us (*if more than one inventor is named below*) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment, or is more particularly identified as:

executed on even date herewith, or

X Serial No. 12/071,581 filed in the U.S. Patent & Trademark Office on 22 Feb. 2008

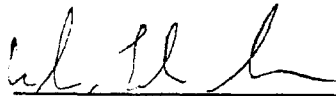
executed on \_\_\_\_\_

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said **SAMSUNG ELECTRONICS CO., LTD.**, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute, without receiving any money or other consideration, any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of all substitute applications, certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreement or treaty to which the United States of America adheres;

AND I do hereby authorize and request the Commissioner of Patent & Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request R. E. Bushnell, Reg. No. 27,774, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply the rules of the United States Patent & Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

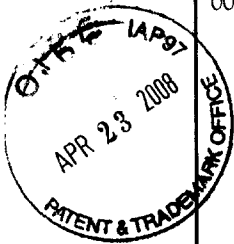
<u>INVENTOR(s)</u>	<u>Date Signed</u>	<u>Witness(es)</u>
1) <u></u> (Seal) WILLIAM JOSEPH SEMPER	<u>1-24-08</u>	
2) _____ (Seal)	_____	



*Lori L. Deninger*  
*1-24-2008*

Additional inventors are being named on separately numbered sheets attached hereto.

V/A



0002/PTO		U.S. Department of Commerce Patent and Trademark Office		COMPLETE IF KNOWN	
<b>FEE TRANSMITTAL</b>				Application Number	12/071,581
				Filing Date	2/22/2008
				First Named Inventor	William Joseph SEMPER
				Group Art Unit	2617
				Examiner Name	
TOTAL AMOUNT OF PAYMENT	\$40.00	Attorney Docket Number	P58523		

**METHOD OF PAYMENT (check one)**

<input checked="" type="checkbox"/> Payment enclosed:  <input checked="" type="checkbox"/> Check # 54097	
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**FEE CALCULATION**

Fee Code	Fee(s)	Fee Description
8021	40.00	Assignment Recordation
Fee Paid .....		\$40.00
TOTAL		\$40.00

submitted by:  
 Robert E. Bushnell, Esq.  
 Suite 300, 1522 "K" Street, N.W.  
 Washington, D.C. 20005-1202

Printed Name	Robert E. Bushnell	Registration No. 27,774
Signature		Date
		April 23, 2008

REB/kn