

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
In Seon Yoo	05/29/2009
<b>RECEIVING PARTY DATA</b>	
Name:	Samsung SDS Co., Ltd.
Street Address:	Irok Building, 707-19, Yeoksam 2-dong, Gangnam-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	135-918
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12514697
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(412)945-5933
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	412-471-8815
Email:	assignments@webblaw.com
Correspondent Name:	THE WEBB LAW FIRM, P.C.
Address Line 1:	700 KOPPERS BUILDING
Address Line 2:	436 SEVENTH AVENUE
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15219
ATTORNEY DOCKET NUMBER:	5146-091047
NAME OF SUBMITTER:	Richard L. Byrne
Total Attachments: 3 source=RECCOVER#page1.tif source=ASSIGN#page1.tif source=ASSIGN#page2.tif	

OP \$40.00 12514697

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

In Seon YOO

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

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

Name: SAMSUNG SDS CO., LTD.

Internal Address: \_\_\_\_\_

Street Address: Irok Building, 707-19, Yeoksam 2-dong,

Gangnam-gu, Seoul

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: REPUBLIC OF KOREA Zip: 135-918

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) May 29, 2009

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Assignment                      | <input type="checkbox"/> Merger         |
| <input type="checkbox"/> Security Agreement                         | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Joint Research Agreement                   |   |
| <input type="checkbox"/> Government Interest Assignment             |   |
| <input type="checkbox"/> Executive Order 9424, Confirmatory License |   |
| <input type="checkbox"/> Other _____                                |   |

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)  
12/514,697

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Richard L. Byrne

Internal Address: The Webb Law Firm

Street Address: 436 Seventh Avenue  
700 Koppers Building

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

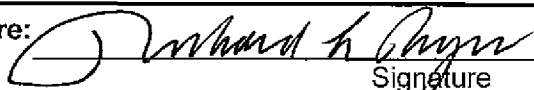
**8. Payment Information**

a. Credit Card Last 4 Numbers 4775  
Expiration Date 05/2012

b. Deposit Account Number 23-0650

Authorized User Name \_\_\_\_\_

**9. Signature:**

  
Signature

November 2, 2009  
Date

Richard L. Byrne, Registration No. 28,498  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, I/ We, **YOO, In Seon** at 1/731 Sejong Grancia, 187-2, Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-810, Republic of Korea

, respectively, have invented certain new and useful improvements in the invention entitled **METHOD FOR PREVENTING DENIAL OF SERVICE ATTACKS USING TRANSMISSION CONTROL PROTOCOL STATE TRANSITION** for which I have this day executed an application for United States Letters Patent;

AND, WHEREAS , **SAMSUNG SDS CO., LTD**, residing in Irok Bldg, 707-19, Yeoksam 2-dong, Gangnam-gu, Seoul 135-918, Republic of Korea, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

Date May 29, 2009

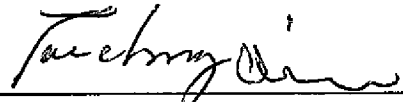
Inventor YOO, In Seon



(Signature of Inventor)

Date May 29, 2009

Witness CHOI, Tae Chang



(Signature of Witness)