

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PATI340601

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Kyungpook National University Industry-Academic Cooperation Foundation	07/02/2024
<b>RECEIVING PARTY DATA</b>	
<b>Company Name:</b>	Samsung Electronics Co., Ltd.
<b>Street Address:</b>	129, Samsung-ro, Yeongtong-gu
<b>City:</b>	Suwon-si, Gyeonggi-do
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	16677
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	10166948
<b>Application Number:</b>	17139653
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	2024033587
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	202-293-0804
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<b>Correspondent Name:</b>	JEFFERSON IP LAW, LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	0201-3029-RE
<b>NAME OF SUBMITTER:</b>	Ji-heun Suh
<b>SIGNATURE:</b>	Ji-heun Suh
<b>DATE SIGNED:</b>	07/03/2024
<b>Total Attachments: 2</b>	
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source=0201-3029-REAssignmentAsFiled#page2.tiff	

**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)**

Kyungpook National University Industry-Academic Cooperation  
Foundation

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

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

Execution Date(s) July 2, 2024

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: Samsung Electronics Co., Ltd.

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

Street Address: 129, Samsung-ro, Yeongtong-gu

City: Suwon-si, Gyeonggi-do

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

Country: Republic of Korea Zip: 16677

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

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

17/139,653

B. Patent No.(s)

10,166,948

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jefferson IP Law, LLP

Internal Address: Maeng-Ho SHIN

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**6. Total number of applications and patents involved: 2**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_**

- ☐ 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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

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

**9. Signature:**

/Maeng-Ho SHIN/ Reg. #53,859

Signature

July 3, 2024

Date

Maeng-Ho Shin

Name of Person Signing

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

2

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

**PATENT  
REEL: 067906 FRAME: 0023**

**PATENT ASSIGNMENT**

**KYUNGPOOK NATIONAL UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION**, having offices at Kyungpook National University, 80, Daehak-ro, Buk-gu, Daegu, 41566, Republic of Korea, is the sole and exclusive owner of record of the following Patent and Patent Applications:

Patent No. 10,166,948	Patent Application No. 17/139,653
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**KYUNGPOOK NATIONAL UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION** hereby transfers and assigns to **SAMSUNG ELECTRONICS CO., LTD.**, having a business address at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea:

(i) all of right, title and interest in and to the aforementioned U.S. Patents and Patent Application; and

(ii) all rights in and to causes of action and enforcement rights for the Patent Rights including all rights to pursue damages, injunctive relief and other remedies for past, current, and future infringement of the Patent Rights.

The terms and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

IN WITNESS WHEREOF, this Assignment is signed by its duly authorized representative.

Agreed and Accepted:

**KYUNGPOOK NATIONAL UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION**

By: 

Name: Seong Ho Kong

Title: Director

Date: 2 July 2024