

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PATI885796

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROBERT BOSCH GMBH	12/11/2024
RECEIVING PARTY DATA	
Company Name:	SAMSUNG SDI CO., LTD.
Street Address:	150-20 GONGSE-RO, GIHEUNG-GU
City:	YONGIN-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	17084
PROPERTY NUMBERS Total: 19	
Property Type	Number
Patent Number:	9490471
Patent Number:	9395416
Patent Number:	9236731
Patent Number:	8563177
Patent Number:	9400312
Patent Number:	9465082
Patent Number:	9529053
Patent Number:	9594118
Patent Number:	9329241
Patent Number:	9372224
Patent Number:	9985321
Patent Number:	9466449
Patent Number:	9733303
Patent Number:	9806545
Patent Number:	10601020
Patent Number:	9997938
Patent Number:	9466990
Patent Number:	10862123
Patent Number:	9550423

CORRESPONDENCE DATA**Fax Number:** 6265778800*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.***Phone:** (626)795-9900**Email:** pto@lewisroca.com**Correspondent Name:** Si Vuong**Address Line 1:** POST OFFICE BOX 29001**Address Line 4:** GLENDALE, CALIFORNIA 91209-9001**ATTORNEY DOCKET NUMBER:** 412299-00002 - JEJ**NAME OF SUBMITTER:** Si Vuong**SIGNATURE:** /Si Vuong/**DATE SIGNED:** 03/13/2025**Total Attachments: 3**

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ASSIGNMENT

WHEREAS, ROBERT BOSCH GMBH, a German corporation, having a place of business at Postfach 30 02 20, Stuttgart, 70442, Germany (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNOR") is an assignee of record or a joint assignee of record for the below 19 U.S. Patent Applications and U.S. Patents issued therefrom (together, "Applications"):

1) U.S. Patent Application No. 13/816,666, having the 35 U.S.C. 371(c) date of May 6, 2013 (now U.S. Patent No. 9,395,416 issued on July 19, 2016);

2) U.S. Patent Application No. 13/805,580, having the 35 U.S.C. 371(c) date of April 15, 2013 (now U.S. Patent No. 9,490,471 issued on November 8, 2016);

3) U.S. Patent Application No. 13/813,946, having the 35 U.S.C. 371(c) date of April 15, 2013 (now U.S. Patent No. 9,236,731 issued on January 12, 2016);

4) U.S. Patent Application No. 13/516,194, having the 35 U.S.C. 371(c) date of June 14, 2012 (now U.S. Patent No. 8,563,177 issued on October 22, 2013);

5) U.S. Patent Application No. 13/825,284, having the 35 U.S.C. 371(c) date of January 20, 2014 (now U.S. Patent No. 9,400,312 issued on July 26, 2016);

6) U.S. Patent Application No. 14/233,746, having the 35 U.S.C. 371(c) date of April 24, 2014 (now U.S. Patent No. 9,465,082 issued on October 11, 2016);

7) U.S. Patent Application No. 14/233,143, having the 35 U.S.C. 371(c) date of April 24, 2014 (now U.S. Patent No. 9,529,053 issued on December 27, 2016);

8) U.S. Patent Application No. 13/877,800, having the 35 U.S.C. 371(c) date of July 12, 2013 (now U.S. Patent No. 9,594,118 issued on March 14, 2017);

9) U.S. Patent Application No. 14/129,830, having the 35 U.S.C. 371(c) date of April 07, 2014 (now U.S. Patent No. 9,329,241 issued on May 3, 2016);

10) U.S. Patent Application No. 13/825,497, having the 35 U.S.C. 371(c) date of August 30, 2013 (now U.S. Patent No. 9,372,224 issued on June 21, 2016);

11) U.S. Patent Application No. 14/352,366, having the 35 U.S.C. 371(c) date of August 6, 2014 (now U.S. Patent No. 9,985,321 issued on May 29, 2018);

12) U.S. Patent Application No. 14/436,200, having the 35 U.S.C. 371(c) date of April 16, 2015 (now U.S. Patent No. 9,466,449 issued on October 11, 2016);

13) U.S. Patent Application No. 14/388,803, having the 35 U.S.C. 371(c) date of September 26, 2014 (now U.S. Patent No. 9,733,303 issued on August 15, 2017);

14) U.S. Patent Application No. 14/407,996, having the 35 U.S.C. 371(c) date of December 15, 2014 (now U.S. Patent No. 9,806,545 issued on October 31, 2017);

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15) U.S. Patent Application No. 14/364,323, having the 35 U.S.C. 371(c) date of June 11, 2014 (now U.S. Patent No. 10,601,020 issued on March 24, 2020);

16) U.S. Patent Application No. 14/432,775, having the 35 U.S.C. 371(c) date of April 1, 2015 (now U.S. Patent No. 9,997,938 issued on June 12, 2018);

17) U.S. Patent Application No. 13/942,860, filed on July 16, 2013 (now U.S. Patent No. 9,466,990 issued on October 11, 2016);

18) U.S. Patent Application No. 14/566,887, filed on December 11, 2014 (now U.S. Patent No. 10,862,123 issued on December 8, 2020); and

19) U.S. Patent Application No. 14/917,776, having the 35 U.S.C. 371(c) date of March 9, 2016 (now U.S. Patent No. 9,550,423 issued on January 24, 2017);

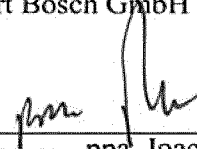

AND WHEREAS, SAMSUNG SDI CO., LTD., a Korean corporation, having a place of business at 150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 17084, Republic of Korea (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire ASSIGNOR's entire right, title and interest in and to said Applications together with all new and useful improvements disclosed therein, and ASSIGNOR is willing to enter into such assignment;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to ASSIGNEE ASSIGNOR's entire right, title and interest in and to said improvements, and said Applications and all divisions and continuations thereof, and all United States Letters Patents which have been granted thereon and which may be granted thereon and all reissues, reexaminations and extensions thereof, including the right to sue or otherwise bring action and to collect and receive damages therefrom, for past infringement thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

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IN TESTIMONY WHEREOF, I hereunto set my hand this 11th day of December, 2024.

Robert Bosch GmbH

By  
Name: ppa. Joachim Bee ppa. Peter Möldner
Title: Authorized Corporate Officers

JEJ/smv