

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7832370

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NANOCO 2D MATERIALS LIMITED	02/03/2023
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO. LTD
Street Address:	129, SAMSUNG-RO
City:	YEONGTONG-GU, SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677
PROPERTY NUMBERS Total: 5	
Property Type	Number
Application Number:	62336228
Application Number:	62393387
Application Number:	15587551
Application Number:	15698835
Application Number:	15737158
CORRESPONDENCE DATA	
Fax Number:	(713)583-5864
<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>	
Phone:	17136328681
Email:	houstonpatents@blankrome.com, tami.day@blankrome.com
Correspondent Name:	BLANK ROME LLP
Address Line 1:	717 TEXAS AVENUE, SUITE 1400
Address Line 4:	HOUSTON, TEXAS 77002
ATTORNEY DOCKET NUMBER:	038-0206US
NAME OF SUBMITTER:	TAMI DAY
SIGNATURE:	/Tami Day/
DATE SIGNED:	03/07/2023
Total Attachments: 3	
source=Nanoco 2D Materials-Samsung Assignment 03.02.23#page1.tif	

source=Nanoco 2D Materials-Samsung Assignment 03.02.23#page2.tif

source=Nanoco 2D Materials-Samsung Assignment 03.02.23#page3.tif

PATENT

REEL: 062908 FRAME: 0581

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Nanoco 2D Materials Limited, a corporation organized and existing under the laws of the United Kingdom and having a principal place of business at The Heath Business & Technical Park, Runcorn, Cheshire, WA7 4QX, United Kingdom ("Assignor"), does hereby sell, assign, transfer, and convey unto Samsung Electronics Co. Ltd., a corporation organized under the laws of Korea, having its registered office at 129, Samsung-ro, Yeongtong-gu, Suwon-Si, Gyeonggi-do, 16677, the Republic of Korea (the "Assignee"), all right, title, and interest that exist today and may exist in the future in and to any of the following (collectively, the "Assigned Patent Rights"):

(a) all patents and patent applications listed in the table below in Schedule 1 (each a "Listed Patent", collectively the "Listed Patents");

(b) all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals and extensions of such Listed Patents (whether pending, issued, abandoned or filed prior to, on or after the execution date of this Assignment of Patent Rights);

(c) all patents and patent applications (i) to which any Listed Patent directly or indirectly claims priority to, or the benefit of, the filing date, and/or (ii) for which any Listed Patent directly or indirectly forms a basis for priority or otherwise provides the benefit of an earlier filing date; and all foreign counterparts to any or all of the foregoing;

(d) inventions, invention disclosures, and discoveries claimed in any of the Listed Patents and/or any item in the foregoing categories (b) through (c);

(e) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (e), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding; and

(f) causes of action and enforcement rights of any kind under, or on account of, any of the Listed Patents and/or any of the items described in either of the foregoing categories (b) to (e), including but not limited to, all causes of action, enforcement rights and all other rights to seek and obtain any other remedies of any kind for past, current, and future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all future patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Assigned Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee, take all reasonable steps necessary and proper, to confirm the assignment to Assignee of the Assigned Patent Rights pursuant to this

Assignment of Patent Rights, including but not limited to, the execution, acknowledgement, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining and perfecting the Assigned Patent Rights.

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

IN WITNESS WHEREOF, each of the parties has caused this Assignment of Patent Rights to be executed by its duly authorized representatives as of 5 FEBRUARY 2023.

ASSIGNOR:

Nanoco 2D Materials Limited

By: Brian Jenner

Name: BRIAN JENNER

Title: CEO

ASSIGNEE:

Samsung Electronics Co., Ltd.

By: [Signature]

Name: Hamyoung Lee

Title: VP

Schedule 1: Assigned Patents¹

CHEMICAL VAPOR DEPOSITION METHOD FOR FABRICATING TWO-DIMENSIONAL MATERIALS		
COUNTRY	APPLICATION NUMBER	PATENT NUMBER
China	201780029370.X	ZL201780029370.X
European Patent Office	17729533.4	
Japan	2018-559800	6934020
Republic of Korea	10-2018-7034788	10-2213811
United States of America	62/336,228	
Taiwan	106115893	1673231
Taiwan	108102545	
Taiwan	108139744	1711580
United States of America	15/587,551	10,062,568
PCT	PCT/GB2017/051325	
SOLUTION-PHASE SYNTHESIS OF LAYERED TRANSITION METAL DICHALCOGENIDE NANOPARTICLES		
COUNTRY	APPLICATION NUMBER	PATENT NUMBER
China	201780055916.9	
European Patent Office	17771516.6	
Japan	2019-513759	
Republic of Korea	10-2019-7007328	
United States of America	62/393,387	
Taiwan	106131156	1649266
Taiwan	108100077	1670234
United States of America	15/698,835	
PCT	PCT/GB2017/052672	
HETEROSTRUCTURES AND ELECTRONIC DEVICES DERIVED THEREFROM		
COUNTRY	APPLICATION NUMBER	PATENT NUMBER
China	201580081002.0	ZL201580081002.0
European Patent Office	15733868.2	
Japan	2017-566029	6637526
Republic of Korea	10-2018-7001302	10-2053240
Republic of Korea	10-2019-7026958	
United States of America	15/737,158	10,692,977
PCT	PCT/GB2015/051784	

¹ The title of a patent application or issued patent in a given family may differ from the title for that family as identified in Schedule 1.