

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM729015

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	FIRST AMENDMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENT		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
MOLEKULE, INC.		05/19/2022	Corporation: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	SILICON VALLEY BANK		
<b>Street Address:</b>	3003 Tasman Drive, HF 150		
<b>City:</b>	Santa Clara		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95054		
<b>Entity Type:</b>	Corporation: CALIFORNIA		
<b>PROPERTY NUMBERS Total: 3</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	5307329	MOLEKULE	
<b>Registration Number:</b>	6098002	MOLEKULE AIR	
<b>Serial Number:</b>	88467004	MOLEKULE AIR	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>			
<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>	800-494-5225		
<b>Email:</b>	ipteam@cogencyglobal.com		
<b>Correspondent Name:</b>	Stewart Walsh		
<b>Address Line 1:</b>	1025 Connecticut Ave NW, Suite 712		
<b>Address Line 2:</b>	COGENCY GLOBAL Inc.		
<b>Address Line 4:</b>	Washington, D.C. 20036		
<b>ATTORNEY DOCKET NUMBER:</b>	1690099 TM Sen		
<b>NAME OF SUBMITTER:</b>	Gwendolyn Meccas		
<b>SIGNATURE:</b>	/Gwendolyn Meccas/		
<b>DATE SIGNED:</b>	05/19/2022		
<b>Total Attachments: 7</b>			
source=First_Amendment_to_IP_Security_Agreement_(Senior)_-_Molekule_(May_2022_LMAs)#page1.tif			

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source=First\_Amendment\_to\_IP\_Security\_Agreement\_(Senior)\_-\_Molekule\_(May\_2022\_LMAs)#page7.tif

## FIRST AMENDMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

This First Amendment to Intellectual Property Security Agreement (this "Amendment") is made as of May 19, 2022, by and between **SILICON VALLEY BANK**, a California corporation, with its principal place of business at 3003 Tasman Drive, Santa Clara, California 95054 ("Bank"), and **MOLEKULE, INC.**, a Delaware corporation, with its principal place of business at 1301 Folsom Street, San Francisco, California 94103 ("Grantor").

### Recitals

A. Grantor and Bank have previously entered into that certain Amended and Restated Loan and Security Agreement dated as of August 29, 2019, between Borrower and Bank, as amended by a certain First Loan Modification Agreement dated as of March 9, 2020, as further amended by a certain Second Loan Modification Agreement dated as of June 19, 2020, and as further amended by a certain Third Loan Modification Agreement dated as of March 22, 2021, and as further amended by a certain Fourth Loan Modification Agreement dated as of the date of this Amendment.

B. To secure its obligations and liabilities to Bank, Grantor has previously granted Bank a security interest in the Intellectual Property Collateral pursuant to that certain Intellectual Property Security Agreement dated as of March 22, 2021 (as may be amended, modified, restated, replaced, or supplemented from time to time, the "IP Security Agreement"). Capitalized terms used but not otherwise defined herein shall have the same meaning as in the IP Security Agreement.

C. Grantor and Bank have agreed to enter into this Amendment.

NOW, THEREFORE, GRANTOR AND BANK AGREE AS FOLLOWS:

A. MODIFICATION TO THE IP SECURITY AGREEMENT. Exhibit B and Exhibit C to the IP Security Agreement are hereby deleted in their entirety and replaced with Exhibit B and Exhibit C attached hereto.

B. RATIFICATION OF IP SECURITY AGREEMENT. Grantor hereby ratifies, confirms and reaffirms, all and singular, the terms and conditions of the IP Security Agreement, and acknowledges, confirms and agrees that the IP Security Agreement contains an accurate and complete listing of all Intellectual Property Collateral and shall remain in full force and effect.

C. COUNTERSIGNATURE. This Amendment shall become effective only when it shall have been executed by Grantor and Bank.

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IN WITNESS WHEREOF, the parties hereto have caused this Amendment to be executed as of the date first above written.

**GRANTOR:**

MOLEKULE, INC.

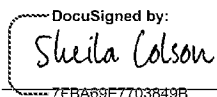
By:  \_\_\_\_\_  
C95AA9D22B9343B...

Name: Jonathan Harris

Title: Chief Executive Officer

**BANK:**

SILICON VALLEY BANK

By:  \_\_\_\_\_  
7FBA69E7703849B...

Name: Sheila Colson

Title: Managing Director

Exhibit B

## Patents and Patent Applications:

Docket	Type	Status	Filing Date	Application No.	Publication No.	Patent No.
D01	US	Issued	22-May-2017	29/604,972		D829,312
D01	US2	Issued	21-Aug-2018	29/660,435		D888,919
D01	CN	Issued	20-Nov-2017	201730572514.9		2017305725149
D01	EM	Issued	10-Nov-2017	004502144-0001		004502144-0001
D01	IN	Issued	22-May-2017	299380		299380
D01	KR	Issued	9-Nov-2017	30-2017-0052373		30-0980630
D02	US	Issued	23-May-2017	29/605,090		D912,793
D02	US2	Pending	18-Dec-2020	29/762,943		
D03	US	Pending	30-Jul-2019	29/699,978		
D03	CA	Issued	31-Dec-2019	192306		192306
D03	CN	Issued	22-Jan-2020	2020300446682		ZL 2020 3 00446682
D03	EM	Issued	18-Dec-2019	007424064		007424064-0001
D03	GB	Issued	18-Dec-2019	9007424064		9007424064
D03	IN	Issued	28-Jan-2020	326536-001		326536-001
D03	KR	Issued	29-Jan-2020	30-2020-0003933		30-1078001
D04	US	Pending	29-Jul-2020	29/744,449		
D04	CA	Pending	18-Jan-2021	200613		
D04	CN	Issued	29-Jan-2021	2021300676195		ZL 2021300676195
D04	EM	Issued	18-Dec-2020	008339345		008339345-0001
D04	GB	Issued	18-Dec-2020	6113680		6113680
D04	IN	Pending	29-Jan-2021	338195-001		
D04	KR	Pending	25-Jan-2021	30-2021-0003824		
N00	US	Issued	16-Jun-2003	10/462,424	20040251122	7,063,820
N00	US2	Issued	26-Apr-2006	11/411,312	20060188387	7,371,351
N00	US3	Issued	26-Apr-2006	11/411,628	20060188388	7,635,450
N00	US4	Issued	10-Oct-2014	14/511,970		9,889,221
P01	PRV	Advanced	16-Dec-2010	61/423,931		
P01	US	Abandoned	23-Feb-2012	13/403,260		
P01	US2	Issued	16-Jul-2015	14/801,026	US-2015-0320900-A1	10,137,216
P01	US3	Issued	19-Oct-2018	16/165,975	US-2019-0046680-A1	10,842,907
P01	US4	Published	19-Oct-2020	17/074,368	US-2021-0030916-A1	
P01	PCT	Advanced	7-Dec-2011	PCT/US11/63637		
P01	IN	Abandoned	3-Feb-2012	524/MUMNP/2012		
P02	PRV	Advanced	17-Oct-2017	62/573,624		
P02	US	Issued	16-Oct-2018	16/161,600	US-2019-0113246-A1	10,584,886
P02	US2	Abandoned	30-Jan-2020	16/777,454	US-2020-0166225-A1	

Docket	Type	Status	Filing Date	Application No.	Publication No.	Patent No.
P02	US3	Published	26-Mar-2020	16/831,354	US-2020-0222576-A1	
P02	PCT	Advanced	16-Oct-2018	PCT/US18/56061	WO 2019/079281	
P02	CN	Published	16-Oct-2018	2018800677846	CN 111542346 A	
P02	EP	Pending	16-Oct-2018	18869295.8	EP3697453	
P02	IN	Pending	16-Oct-2018	202017016556		
P02	KR	Pending	16-Oct-2018	10-2020-7010739		
P03	PRV	Advanced	24-Oct-2017	62/576,500		
P03	US	Issued	24-Oct-2018	16/169,874	US-2019-0120508-A1	10,684,027
P03	US2	Published	8-May-2020	16/870,301	US-2020-0271335-A1	
P04	PRV	Advanced	1-Nov-2017	62/580,385		
P04	US	Issued	1-Nov-2018	16/178,393	US-2019-0126202-A1	10,625,207
P05	cPRV	Abandoned	26-Jul-2018	62/703,652		
P06	cPRV	Abandoned	26-Jul-2018	62/703,797		
P06	PRV2	Abandoned	10-Dec-2018	62/777,729		
P07	cPRV	Advanced	26-Jul-2018	62/703,808		
P07	PRV2	Advanced	19-Dec-2018	62/782,072		
P07	US	Published	26-Jul-2019	16/523,928	US-2020-0030731-A1	
P07	PCT	Advanced	26-Jul-2019	PCT/US19/43804	WO 2020/023939	
P07	CN	Published	26-Jul-2019	2019800615789	CN 112739655 A	
P07	EP	Published	26-Jul-2019	19839987.5	EP3826962	
P07	IN	Pending	26-Jul-2019	202117003370	13/2021	
P07	JP	Published	26-Jul-2019	2021-527029	2021-531973	
P07	KR	Pending	26-Jul-2019	10-2021-7002260		
P08	cPRV	Advanced	10-Dec-2018	62/777,445		
P08	PRV2	Advanced	26-Aug-2019	62/891,642		
P08	US	Published (To B	10-Dec-2019	16/709,689	US-2020-0179992-A1	
P08	US2	Published	10-Dec-2019	17/296,902	US-2022-0023922-A1	
P08	PCT	Advanced	10-Dec-2019	PCT/US19/65514	WO 2020/123529	
P09	cPRV	Advanced	10-Dec-2018	62/777,489		
P09	PRV2	Advanced	31-Jul-2019	62/881,075		
P09	US	Issued	10-Dec-2019	16/709,773	US-2020-0179737-A 1	11,291,874
P09	US2	Pending	28-Feb-2022	17/682,991		
P09	PCT	Advanced	10-Dec-2019	PCT/US19/65533	WO 2020/123546	
P09	AU	Pending	10-Dec-2019	2019396216		
P09	EP	Pending	10-Dec-2019	19895991.8	EP3894024	
P10	PRV	Advanced	17-Jan-2020	62/962,792		
P10	PRV2	Advanced	31-Jan-2020	62/968,715		
P10	PRV3	Advanced	2-Jun-2020	63/033,538		
P10	US	Abandoned	19-Jan-2021	17/152,690	US-2021-0222897-A1	

<b>Docket</b>	<b>Type</b>	<b>Status</b>	<b>Filing Date</b>	<b>Application No.</b>	<b>Publication No.</b>	<b>Patent No.</b>
P10	PCT	Published	19-Jan-2021	PCT/US21/14013	WO 2021/146728	
P10a	PRV0	Pending	16-Jul-2021	63/222,815		
P10a	US	Published	5-Nov-2021	17/520,598	US-2022-0062822-A1	
P11	PRV2a	Advanced	13-Mar-2020	62/989,443		
P11	PRV2b	Abandoned	13-Mar-2020	62/989,456		
P11	PRVa	Advanced	3-Feb-2020	62/969,566		
P11	PRVb	Abandoned	3-Feb-2020	62/969,571		
P11	US	Issued	3-Feb-2021	17/166,931	US-2021-0237419-A1	11,097,525
P11	US2	Published	19-Jul-2021	17/378,973	US-2021-0339517-A1	
P11	PCT	Published	3-Feb-2021	PCT/US21/16464	WO 2021/158697	
P12	PRV	Advanced	31-Aug-2020	63/072,676		
P12	US	Pending	31-Aug-2021	17/463,271		
P12	PCT	Published	31-Aug-2021	PCT/US21/48546	WO 2022/047421	
P13	PRV	Advanced	5-Jun-2020	63/035,637		
P13	US	Published	7-Jun-2021	17/340,793	US-2021-0379220-A1	
P13	PCT	Published	7-Jun-2021	PCT/US21/36180	WO 2021/248121	
P14	PRV	Abandoned	13-Jul-2020	63/051,130		
P14	PRV2	Pending	24-Jun-2021	63/214,715		
P15	cPRV	Abandoned	26-Feb-2021	63/154,199		
P15	PRV2	Pending	14-Sep-2021	63/244,157		
P16	cPRV	Abandoned	8-Mar-2021	63/158,146		
P17	PRV	Pending	16-Aug-2021	63/233,596		
P18	PRVa	Pending	2-Aug-2021	63/228,461		
P18	PRVb	Pending	2-Aug-2021	63/228,470		
P19	PRV	Pending	1-Nov-2021	63/274,435		
PX1	cPRV	Abandoned	5-Jul-2019	62/870,841		
Px2	cPRV	Abandoned	5-Jul-2019	62/870,843		
X01	cPRV	Abandoned	3-Mar-2021	63/156,221		

Exhibit C

## Trademarks:

	<i>Country</i>	<i>Owner</i>	<i>Class</i>	<i>App. Date</i>	<i>App. No.</i>	<i>Reg. Date</i>	<i>Reg. No.</i>	<i>Next Renewal</i>	<i>Status</i>
MOLEKULE	Australia	Molekule, Inc.	11	7/26/2016		7/26/2016	1793752 / IR 130	7/26/2026	Registered
MOLEKULE	Canada	Molekule, Inc.	11	7/27/2016	1793331	9/19/2019	TMA1055415	9/19/2029	Registered
MOLEKULE	China	Molekule, Inc.	11	2/23/2016	19136075	5/14/2019	19136075	5/13/2029	Registered
MOLEKULE	China	Molekule, Inc.	11	7/17/2018	32287980	6/28/2019	32287980	6/27/2029	Registered
MOLEKULE	EUTM	Molekule, Inc.	11	7/26/2016		7/26/2016	IR 1307769	7/26/2026	Registered
MOLEKULE	Hong Kong	Molekule, Inc.	11	1/24/2018	304408830	6/5/2018	304408830	1/23/2028	Registered
MOLEKULE	India	Molekule, Inc.	11	7/26/2016		7/26/2016	3392425 / IR 1307769	7/26/2026	Registered
MOLEKULE	Israel	Molekule, Inc.	11	7/26/2016		7/26/2016	IR 1307769	7/26/2026	Registered
MOLEKULE	Japan	Molekule, Inc.	11	7/26/2016		7/26/2016	IR 1307769	7/26/2026	Registered
MOLEKULE	Mexico	Molekule, Inc.	11	7/26/2016	1792168	7/26/2016	1786481 / IR 1307769	7/26/2026	Registered
MOLEKULE	New Zealand	Molekule, Inc.	11	7/26/2016	1050080	7/26/2016	1050080 / IR 1307769	7/26/2026	Registered
MOLEKULE	Norway	Molekule, Inc.	11	7/26/2016		7/26/2016	IR 1307769	7/26/2026	Registered
MOLEKULE	Russia	Molekule, Inc.	11	7/26/2016		7/26/2016	IR 1307769	7/26/2026	Registered
MOLEKULE	Singapore	Molekule, Inc.	11	7/26/2016	4020161446BT	7/26/2016	IR 1307769	7/26/2026	Registered
MOLEKULE	South Korea	Molekule, Inc.	11	10/13/2017	4020170129712	11/2/2018	401413072	11/2/2028	Registered
MOLEKULE	Switzerland	Molekule, Inc.	11	7/26/2016		7/26/2016	IR 1307769	7/26/2026	Registered
MOLEKULE	Taiwan	Molekule, Inc.	11	7/29/2016	105044344	3/1/2017	01826369	2/28/2027	Registered
MOLEKULE	United Kingdom	Molekule, Inc.	11	7/26/2016	UK00801307769	2/3/2017	UK00801307769	7/26/2026	Registered



	<i>Country</i>	<i>Owner</i>	<i>Class</i>	<i>App. Date</i>	<i>App. No.</i>	<i>Reg. Date</i>	<i>Reg. No.</i>	<i>Next Renewal</i>	<i>Status</i>
MOLEKULE	United States	Molekule, Inc.	11	1/29/2016	86891340	10/10/2017	5307329	10/10/2027	Registered
MOLEKULE	Vietnam	Molekule, Inc.	11	7/26/2016		7/26/2016	IR 1307769	7/26/2026	Registered
MOLEKULE	WIPO	Molekule, Inc.	11	7/26/2016		7/26/2016	IR 1307769	7/26/2026	Registered
MOLEKULE (in Korean Characters)	South Korea	Sonax GmbH	11	10/10/2019	4020190154835				Pending
MOLEKULE AIR	Australia	Molekule, Inc.	11; 40	12/9/2019	A0092350	12/9/2019	2061761 / IR 1508215	12/9/2029	Registered
MOLEKULE AIR	Canada	Molekule, Inc.	11; 40	12/9/2019	2005352 / A0092350		IR 1508215		Pending
MOLEKULE AIR	China	Molekule, Inc.	11	12/9/2019	A0092350	12/9/2019	IR 1508215	12/9/2029	Registered
MOLEKULE AIR	China	Molekule, Inc.	40	4/1/2021	54869879				Pending
MOLEKULE AIR	EUTM	Molekule, Inc.	11; 40	12/9/2019	A0092350	12/9/2019	IR 1508215	12/9/2029	Registered
MOLEKULE AIR	Hong Kong	Molekule, Inc.	11; 40	12/10/2019	305137498	6/5/2020	305137498	12/9/2029	Registered
MOLEKULE AIR	India	Molekule, Inc.	11; 40	12/9/2019	4405514 / A0092350	12/9/2019	4405514 / IR 1508215	12/9/2029	Registered
MOLEKULE AIR	Japan	Molekule, Inc.	11	12/9/2019	A0092350	12/9/2019	IR 1508215	12/9/2029	Registered
MOLEKULE AIR	Singapore	Molekule, Inc.	11	12/9/2019	A0092350	12/9/2019	IR 1508215	12/9/2029	Registered
MOLEKULE AIR	South Korea	Sonax GmbH	11; 40	12/9/2019	A0092350		IR 1508215A		Pending
MOLEKULE AIR	United Kingdom	Molekule, Inc.	11; 40	12/9/2019	UK00801508215	6/22/2020	UK00801508215	12/9/2029	Registered
MOLEKULE AIR	United States	Molekule, Inc.	11	6/10/2019	88977620	7/7/2020	6098002	7/7/2030	Registered
MOLEKULE AIR	United States	Molekule, Inc.	40	6/10/2019	88467004				Pending
MOLEKULE AIR	WIPO	Molekule, Inc.	11; 40	12/9/2019	A0092350	12/9/2019	IR 1508215	12/9/2029	Registered
MOLEKULE AIR	WIPO	Molekule, Inc.	11; 40	12/9/2019		12/9/2019	IR 1508215A	12/9/2029	Registered
PECO	EUTM	Molekule, Inc.	9; 11; 40; 42	5/9/2019	018062776	11/30/2020	018062776	5/9/2029	Registered
PECO	India	Molekule, Inc.	9; 11; 40; 42	6/7/2019	4199671				Pending
PECO	South Korea	Molekule, Inc.	9; 11; 40; 42	5/7/2019	4020190070095	1/13/2021	401682090	1/13/2031	Registered
PECO	United Kingdom	Molekule, Inc.	9; 11; 40; 42	5/9/2019	UK00918062776	11/30/2020	UK00918062776	5/9/2029	Registered

TRADEMARK

RECORDED: 05/19/2022

REEL: 007726 FRAME: 0974