

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7543850

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
SMULE, INC.	08/05/2022

RECEIVING PARTY DATA

Name:	WESTERN ALLIANCE BANK
Street Address:	55 ALMADEN BOULEVARD, SUITE 100
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95113

PROPERTY NUMBERS Total: 12

Property Type	Number
Application Number:	17386387
Application Number:	17479912
Application Number:	17450537
Application Number:	17652810
Application Number:	17452174
Application Number:	17403342
Application Number:	17651022
Application Number:	17303769
Application Number:	17249647
Application Number:	17651055
Application Number:	17299295
Application Number:	17303658

CORRESPONDENCE DATA

Fax Number:

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.

Email: jgu@cooley.com

Correspondent Name: JENNIFER GU C/O COOLEY LLP

Address Line 1: 3175 HANOVER STREET

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	305983-1172
NAME OF SUBMITTER:	JENNIFER GU
SIGNATURE:	/Jennifer Gu/
DATE SIGNED:	09/16/2022

Total Attachments: 16

source=WAB - Smule, Inc. - Second Amendment to Intellectual Property Security Agreement (executed) for Filing 2#page1.tif
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**SECOND AMENDMENT
TO
INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This Second Amendment to Intellectual Property Security Agreement is entered into as of August 5, 2022 (the “**Amendment**”) by and among **WESTERN ALLIANCE BANK**, an Arizona corporation (“**Lender**”), **SMULE, INC.**, a Delaware corporation (“**Grantor**”).

RECITALS

Grantor and Lender are parties to that certain Intellectual Property Security Agreement dated as of February 21, 2020, as amended from time to time (the “**IPSA**”). The parties are entering into a Ninth Amendment and Waiver to Loan and Security Agreement dated as of even date hereof (the “**Ninth Amendment**”). In connection with the Ninth Amendment, the parties desire to amend the IPSA in accordance with the terms of this Amendment.

NOW, THEREFORE, the parties agree as follows:

1. Exhibit B (Trademarks) to the IPSA is hereby replaced in its entirety with that attached hereto as Exhibit B.

2. Exhibit C (Patents) to the IPSA is hereby replaced in its entirety with that attached hereto as Exhibit C.

3. Unless otherwise defined, all initially capitalized terms in this Amendment shall be as defined in the IPSA. The IPSA, as amended hereby, shall be and remain in full force and effect in accordance with its respective terms and hereby is ratified and confirmed in all respects. Except as expressly set forth herein, the execution, delivery, and performance of this Amendment shall not operate as a waiver of, or as an amendment of, any right, power, or remedy of Lender under the IPSA, as in effect prior to the date hereof. Grantor ratifies and reaffirms the continuing effectiveness of all agreements entered into in connection with the IPSA.

4. This Amendment may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one instrument.

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IN WITNESS WHEREOF, the undersigned have executed this Amendment as of the first date above written.

GRANTOR:

Address of Grantor:

400 West 500 South, Suite A-3
Salt Lake City, UT 84101

SMULE, INC.

DocuSigned by:
Joseph Le Chevallier
By: _____
Name: Joseph Le Chevallier
Title: Chief Accounting Officer

LENDER:

Address of Lender:

55 Almaden Boulevard, Suite 100
San Jose, CA 95113

WESTERN ALLIANCE BANK

DocuSigned by:
Peter Haman
By: _____
Name: Peter Haman
Title: Director

EXHIBIT B

TRADEMARKS

Please see attached Schedule

File Reference	Trademark	Country	Application No	Application Date	Registration No	Registration Date	Trademark Status
SMUL074CA	ALONE, IT'S MUSIC. TOGETHER, IT'S MAGIC.	Canada	1963147	May 15 2019			Pending
SMUL074ID	ALONE, IT'S MUSIC. TOGETHER, IT'S MAGIC.	Indonesia	1483125	May 14 2019	1483125	Sep 3 2020	Registered
SMUL074JP	ALONE, IT'S MUSIC. TOGETHER, IT'S MAGIC.	Japan	1483125	May 14 2019	1483125	Oct 1 2020	Registered
SMUL074MX	ALONE, IT'S MUSIC. TOGETHER, IT'S MAGIC.	Mexico	1483125	May 14 2019	1483125	Mar 9 2020	Registered
SMUL074MX1	ALONE, IT'S MUSIC. TOGETHER, IT'S MAGIC.	Mexico	1483125	May 14 2019	1483125	Mar 9 2020	Registered
SMUL074NZ	ALONE, IT'S MUSIC. TOGETHER, IT'S MAGIC.	New Zealand	1483125	May 14 2019	1483125	Feb 2 2021	Registered
SMUL074US	ALONE, IT'S MUSIC. TOGETHER, IT'S MAGIC.	United States of America	88/142,885	Oct 4 2018	5,962,611	Jan 14 2020	Registered
SMUL074WO	ALONE, IT'S MUSIC. TOGETHER, IT'S MAGIC.	WIPO	1483125	May 14 2019	1483125	May 14 2019	Registered
SMUL021AU	AUTORAP	Australia	1264493	May 22 2015	1264493	Jan 27 2016	Registered
SMUL021BR	AUTORAP	Brazil	909449376	May 28 2015	909449376	Jan 30 2018	Registered
SMUL021CA	AUTORAP	Canada	1730071	May 27 2015	TM/A960095	Jan 12 2017	Registered
SMUL021EM	AUTORAP	EUTM	1264493	May 22 2015	1264493	Jul 22 2016	Registered
SMUL021IN	AUTORAP	India	1264493	May 22 2015	1264493	Feb 4 2017	Registered
SMUL021JP	AUTORAP	Japan	1264493	May 22 2015	1264493	Feb 10 2016	Registered
SMUL021MX	AUTORAP	Mexico	1264493	May 22 2015	1264493	Jul 12 2016	Registered
SMUL021NZ	AUTORAP	New Zealand	1264493	May 22 2015	1264493	Feb 2 2016	Registered
SMUL021PH	AUTORAP	Philippines	1264493	May 22 2015	1264493	Apr 15 2016	Registered
SMUL021CH	AUTORAP	Switzerland	1264493	May 22 2015	1264493	Aug 22 2016	Registered
SMUL021GB	AUTORAP	United Kingdom	UK00801264493	May 22 2015	UK00801264493	Jul 22 2016	Registered
SMUL021US	AUTORAP	United States of America	85/047,089	May 25 2010	4,210,527	Sep 18 2012	Registered
SMUL021WO	AUTORAP	WIPO	1264493	May 22 2015	1264493	May 22 2015	Registered
SMUL053AU	CONNECTING THE WORLD THROUGH MUSIC	Australia	1395808	Jan 2 2018	1395808	Nov 20 2018	Registered
SMUL053IN	CONNECTING THE WORLD THROUGH MUSIC	India	1395808	Jan 2 2018			Pending
SMUL053ID	CONNECTING THE WORLD THROUGH MUSIC	Indonesia	1395808	Jan 2 2018	1395808	Jan 15 2019	Registered
SMUL053GB	CONNECTING THE WORLD THROUGH MUSIC	United Kingdom	1395808	Jan 2 2018	1395808	Dec 6 2018	Registered
SMUL053US	CONNECTING THE WORLD THROUGH MUSIC	United States of America	86/056,076	Sep 4 2013	4,867,515	Dec 8 2015	Registered
SMUL053WO	CONNECTING THE WORLD THROUGH MUSIC	WIPO	1395808	Jan 2 2018	1395808	Jan 2 2018	Registered
SMUL052US	LET'S R! BY SMULE	United States of America	85/946,110	May 30 2013	4,469,932	Jan 21 2014	Registered
SMUL071US	LITS MUSIC TOGETHER	United States of America	87/806,864	Feb 22 2018	6,329,156	Apr 20 2021	Registered
SMUL073AU	LIVEJAM	Australia	1452970	Jan 10 2019	1452970	Sep 9 2019	Registered
SMUL073CA	LIVEJAM	Canada	1940087	Jan 10 2019			Pending
SMUL073CN	LIVEJAM	China	1452970	Jan 10 2019	1452970	Apr 25 2019	Registered
SMUL073ID	LIVEJAM	Indonesia	1452970	Jan 10 2019	1452970	Apr 2 2020	Registered
SMUL073MX	LIVEJAM	Mexico	1452970	Jan 10 2019	1452970	Aug 20 2019	Registered
SMUL073NZ	LIVEJAM	New Zealand	1452970	Jan 10 2019	1452970	Jul 11 2019	Registered
SMUL073NO	LIVEJAM	Norway	1452970	Jan 10 2019	1452970	Feb 7 2020	Registered
SMUL073US	LIVEJAM	United States of America	88/032,209	Jul 10 2018	5,823,143	Jul 30 2019	Registered
SMUL073WO	LIVEJAM	WIPO	1452970	Jan 10 2019	1452970	Jan 10 2019	Registered
SMUL031US	MADPAD	United States of America	85/462,584	Nov 2 2011	4,157,876	Jun 12 2012	Allowed to Lapse
SMUL024AU	MAGIC PIANO	Australia	1260840	May 22 2015	1260840	Jan 15 2016	Registered
SMUL024BR	MAGIC PIANO	Brazil	909449422	May 28 2015	909449422	Jan 30 2018	Registered
SMUL024CA	MAGIC PIANO	Canada	1730073	May 27 2015	TM/A969323	Apr 27 2017	Registered
SMUL024CN	MAGIC PIANO	China	1260840	May 22 2015	1260840	Jun 6 2017	Registered
SMUL024EM	MAGIC PIANO	EUTM	1260840	May 22 2015	1260840	Jun 15 2016	Registered
SMUL024JP	MAGIC PIANO	Japan	1260840	May 22 2015	1260840	Jan 28 2016	Registered
SMUL024MX	MAGIC PIANO	Mexico	1260840	May 22 2015	1260840	Jul 1 2016	Registered
SMUL024NZ	MAGIC PIANO	New Zealand	1260840	May 22 2015	1260840	Jan 6 2016	Registered
SMUL024NO	MAGIC PIANO	Norway	1260840	May 22 2015	1260840	Mar 18 2016	Registered
SMUL024PH	MAGIC PIANO	Philippines	1260840	May 22 2015	1260840	Oct 8 2015	Registered
SMUL024KR	MAGIC PIANO	Republic of Korea (South)	1260840	May 22 2015	1260840	Jun 17 2016	Registered
SMUL024CH	MAGIC PIANO	Switzerland	1260840	May 22 2015	1260840	Aug 4 2016	Registered
SMUL024GB	MAGIC PIANO	United Kingdom	UK00801260840	May 22 2015	UK00801260840	Jun 15 2016	Registered
SMUL024US	MAGIC PIANO	United States of America	85/126,165	Sep 9 2010	3,996,521	Jul 19 2011	Registered
SMUL024WO	MAGIC PIANO	WIPO	1260840	May 22 2015	1260840	May 22 2015	Registered
SMUL032US	REMIX YOUR LIFE	United States of America	85/462,610	Nov 2 2011	4,193,535	Aug 21 2012	Allowed to Lapse
SMUL075US	SINGAVERSE	United States of America	97/348,321	April 5 2022			Pending
SMUL002AU	SMULE	Australia	991513	Dec 30 2008	991513	Oct 8 2009	Registered
SMUL002BH	SMULE	Bahrain	991513	Dec 30 2008	991513	Feb 26 2009	Registered
SMUL002BR	SMULE	Brazil	909449473	May 28 2015	909449473	Jan 30 2018	Registered
SMUL002CA	SMULE	Canada	1730075	May 27 2015	TM/A958501	Dec 20 2016	Registered
SMUL002CN1	SMULE	China	991513	Feb 4 2016	991513	Jun 14 2017	Registered
SMUL002CN2	SMULE	China	61336300	Dec 13 2021			Pending
SMUL002HR	SMULE	Croatia	991513	Dec 30 2008	991513	Feb 26 2009	Registered
		Democratic People's Republic of Korea (North)	991513	Dec 30 2008	991513	Jan 30 2010	Registered
SMUL002KP	SMULE	Democratic People's Republic of Korea (North)	991513	Dec 30 2008	991513	Jan 30 2010	Registered
SMUL002EM	SMULE	EUTM	991513	Dec 30 2008	991513	Jan 10 2010	Registered
SMUL002GE	SMULE	Georgia	991513	Dec 30 2008	991513	Mar 30 2010	Registered
SMUL002IS	SMULE	Iceland	991513	Dec 30 2008	991513	Feb 26 2009	Registered
SMUL002IN	SMULE	India	1264492	May 22 2015	1264492	Feb 4 2017	Registered
SMUL002ID	SMULE	Indonesia	991513	Jan 18 2019	991513	Mar 12 2020	Registered
SMUL002IR	SMULE	Iran	991513	Dec 30 2008	991513	Feb 26 2009	Registered
SMUL002IP	SMULE	Japan	991513	Dec 30 2008	991513	May 27 2010	Registered
SMUL002LI	SMULE	Liechtenstein	991513	Dec 30 2008	991513	Feb 26 2009	Registered
SMUL002MK	SMULE	Macedonia (North)	991513	Dec 30 2008	991513	Feb 26 2009	Registered
SMUL002MY	SMULE	Malaysia					Pending
SMUL002MX	SMULE	Mexico	1264492	May 22 2015	1264492	Jul 3 2017	Registered
SMUL002MC	SMULE	Monaco	991513	Dec 30 2008	991513	Feb 26 2009	Registered
SMUL002MN	SMULE	Mongolia	991513	Dec 30 2008	991513	Feb 26 2009	Registered
SMUL002NO	SMULE	Norway	991513	Dec 30 2008	991513	Jul 29 2009	Registered
SMUL002OM	SMULE	Oman	991513	Dec 30 2008	991513	Feb 26 2009	Registered
SMUL002PH	SMULE	Philippines	1264492	May 22 2015	1264492	Apr 15 2016	Registered
SMUL002KR1	SMULE	Republic of Korea (South)					Pending
SMUL002RU	SMULE	Russian Federation	991513	Dec 30 2008	991513	Jan 27 2010	Registered
SMUL002RS	SMULE	Serbia	991513	Dec 30 2008	991513	Feb 26 2009	Registered
SMUL002SG	SMULE	Singapore	991513	Dec 30 2008	991513	May 21 2009	Registered
SMUL002CH	SMULE	Switzerland	991513	Dec 30 2008	991513	Feb 26 2009	Registered
SMUL002TH	SMULE	Thailand					Pending
SMUL002TR	SMULE	Turkey	991513	Dec 30 2008	991513	Feb 10 2010	Registered
SMUL002UA	SMULE	Ukraine	991513	Dec 30 2008	991513	Feb 26 2009	Registered
SMUL002GB	SMULE	United Kingdom	UK00800991513	Dec 30 2008	UK00800991513	Jan 11 2010	Registered
SMUL002US	SMULE	United States of America	77/513,478	Jul 2 2008	3,719,489	Dec 1 2009	Registered
SMUL002US1	SMULE	United States of America	87/930,113	May 21 2018	5,627,894	Dec 11 2018	Registered
SMUL002VN	SMULE	Vietnam	991513	Dec 30 2008	991513	Feb 26 2009	Registered
SMUL002WO	SMULE	WIPO	991513	Dec 30 2008	991513	Dec 30 2008	Registered
SMUL002WO1	SMULE	WIPO	1264492	May 22 2015	1264492	May 22 2015	Registered

EXHIBIT C

PATENTS

Please see attached Schedule

96	Issued (US, foreign, and design registrations)
43	Currently Pending (US, foreign, design and provisional)
1	Allowed (US and foreign) [included in "Currently Pending"]
24	New Filings (US, Prov, and foreign filings in 2020)

Colors:

- Green: Issued
- Salmon: Pending
- Yellow: Allowed or Upcoming Action Needed
- Orange: Incomplete
- Blue: Marking Request or Risk
- Grey: Abandoned or Expired

Reference #	File Reference	CTY	Title	Type	Inventor Name(s) Complete	Serial #	Filed Date	Priority Date	Patent #	Issue Date	Expiration Date	Rate	Next Due (Current)	Next Spec. Deposit	Class	Subclass	IPC Class	IPC Subclass	Other
50342.00001	440.0001-US	US	System And Method For Communication Between Mobile Devices Using Digital/Acoustic Techniques	UTL	Cook, Perry R.	12/553788	9/3/09	9/3/08	8750473	6/10/14	9/26/32	85,000	12/10/2025 3RD MAINTENANCE FEE DUE					Acoustic Comm	
50342.00001US02	9342.0007	US	System And Method For Communication Between Mobile Devices Using Digital/Acoustic Techniques	UTL	Cook, Perry R.	14/295106	6/3/14	9/3/08	9083491	7/14/15	9/29/32	85,000	11/4/2023 2ND MAINTENANCE FEE DUE					Acoustic Comm	
50342.00001US03	9342.0007US03	US	System And Method For Communication Between Mobile Devices Using Digital/Acoustic Techniques	UTL	Cook, Perry R.	14/752283	6/26/15	9/3/08	8596036	3/14/17	9/29/32	85,000	9/14/2024 2ND MAINTENANCE FEE DUE					Acoustic Comm	
50342.00001US04	9342.0007US04	US	System And Method For Communication Between Mobile Devices Using Digital/Acoustic Techniques	UTL	Cook, Perry R.	15/457292	3/13/17	9/3/08	10103220	10/16/18	9/29/32	85,000	4/19/2022 1ST MAINTENANCE FEE DUE					Acoustic Comm	
50342.00012	440.0007-US	US	System And Method Of Capture And Rendering Of Performance On Synthetic Musical Instrument	UTL	Salazar, Spencer Wang, Ge Cook, Perry R.	12/612500	11/4/09	11/4/09	8222507	7/17/12	7/17/30	85,000	11/12/24 3RD MAINTENANCE FEE DUE					Ocarina, Leaf Trombone	
50342.00013	440.0007-US	US	System And Method For Capture And Rendering Of Performance On Synthetic Musical Instrument	UTL	Salazar, Spencer Wang, Ge Cook, Perry R.	13/532321	6/25/12	11/4/09	8636276	4/7/14	11/4/29	85,000	10/10/2025 3RD MAINTENANCE FEE DUE					Ocarina, Leaf Trombone	
50342.00014	440.0006-US	US	Continuous Pitch-Corrected Vocal Capture Device Cooperative With Content Server For Backing Track Mix	UTL	Cook, Perry R., Salazar, Spencer, Febrink, Rebecca A., Wang, Ge, Ljungstrom, Mattias, Smith, Jeffrey C.	12/876131	9/4/10	12/19/09	9088797	6/16/15	7/20/32	85,000	12/16/2022 2ND MAINTENANCE FEE DUE					T-Pain, Glee, Singl	
50342.00014US02		US	Continuous Pitch-Corrected Vocal Capture Device Cooperative With Content Server For Backing Track Mix	UTL	Cook, Perry R., Salazar, Spencer, Febrink, Rebecca A., Wang, Ge, Ljungstrom, Mattias, Smith, Jeffrey C.	14/720320	5/22/15	12/19/09	9754571	9/10/17	9/28/30	85,000	3/5/2025 2ND MAINTENANCE FEE DUE					T-Pain, Glee, Singl	
50342.00014US03		US	Continuous Pitch-Corrected Vocal Capture Device Cooperative With Content Server For Backing Track Mix	UTL	Cook, Perry R., Salazar, Spencer, Febrink, Rebecca A., Wang, Ge, Ljungstrom, Mattias, Smith, Jeffrey C.	15/693946	9/1/17	12/19/09	10685634	6/16/20	9/4/30	85,000	12/16/2023 1ST MAINT FEE DUE					T-Pain, Glee, Singl	
50342.00014US04		US	Continuous Pitch-Corrected Vocal Capture Device Cooperative With Content Server For Backing Track Mix	UTL	Cook, Perry R., Salazar, Spencer, Febrink, Rebecca A., Wang, Ge, Ljungstrom, Mattias, Smith, Jeffrey C.	16/898891	6/11/20	12/19/09				84,000	6/3/2022 RESPONSE TO OFFICE ACTION DUE						
50342.00015	440.0006-AU	AU	Continuous Pitch-Corrected Vocal Capture Device Cooperative With Content Server	UTL	Wang, Ge, Salazar, Spencer, Febrink, Rebecca A., Smith, Jeffrey C., Ljungstrom, Mattias, Cook, Perry R.	2010332041	12/13/10	12/19/09	2010332041	10/16/14	12/13/30	85,000	12/13/2022 ANNUITY DUE					T-Pain, Glee, Singl	
50342.00016	440.0006-CA	CA	Continuous Pitch-Corrected Vocal Capture Device Cooperative With Content Server	UTL	Wang, Ge, Salazar, Spencer, Febrink, Rebecca A., Smith, Jeffrey C., Ljungstrom, Mattias, Cook, Perry R.	2786241	12/13/10	12/19/09	2786241	6/12/18	6/00	85,000	12/13/2022 ANNUITY DUE					T-Pain, Glee, Singl	
50342.00017	440.0006-GB	GB	Continuous Pitch-Corrected Vocal Capture Device Cooperative With Content Server	UTL	Wang, Ge, Salazar, Spencer, Febrink, Rebecca A., Smith, Jeffrey C., Ljungstrom, Mattias, Cook, Perry R.	1211876.6	12/13/10	12/19/09	2498957	5/31/17	12/13/30	85,000	12/13/2022 ANNUITY DUE					T-Pain, Glee, Singl	
50342.00025US01	440.0010	US	Pitch-Correction Of Vocal Performance In Accord With Score-Coded Harmonies	UTL	Cook, Perry R., Lasher, Ari, Libler, Tom Kirk, Turner, Evan	13/085413	4/12/11	4/12/10	8856411	10/21/14	12/27/32	85,000	9/21/2022 2ND MAINT FEE DUE					Glee, Singl	
50342.00025US02	440.0010	US	Pitch-Correction Of Vocal Performance In Accord With Score-Coded Harmonies	UTL	Cook, Perry R., Lasher, Ari, Libler, Tom Kirk, Turner, Evan	14/617647	10/17/14	4/12/10	9452742	12/26/17	9/30	85,000	10/26/2025 2ND MAINT FEE DUE					Glee, Singl	
50342.00025US04		US	Pitch-Correction Of Vocal Performance In Accord With Score-Coded Harmonies	UTL	Cook, Perry R., Lasher, Ari, Libler, Tom Kirk, Turner, Evan	17349169	2/22/21	4/12/10	10931296	2/23/21	9/14/30	85,000	ABANDONED						
50342.00025US03		US	Pitch-Correction Of Vocal Performance In Accord With Score-Coded Harmonies	UTL	Cook, Perry R., Lasher, Ari, Libler, Tom Kirk, Turner, Evan	15/849194	12/20/17	4/12/10	10931296	2/23/21	9/14/30	85,000	9/23/2024 1ST MAINT FEE DUE						
50342.00025CA01	440.0010-CA	CA	Continuous Score-Coded Pitch Correction And Harmony Generation Techniques For Geographically Distributed Glee Clubs	UTL	Kirk, Turner, Evan Libler, Tom Cook, Perry R., Lasher, Ari	2796241	4/12/11	4/12/10	2796241	5/18/21	4/23/31	85,000	4/12/2022 ANNUITY DUE					Glee, Singl	
50342.00025GB01	440.0010-GB1	GB	Continuous Score-Coded Pitch Correction And Harmony Generation Techniques For Geographically Distributed Glee Clubs	UTL	Libler, Tom Cook, Perry R., Lasher, Ari Kirk, Turner, Evan	1218365.3	4/12/11	4/12/10	24463470	6/7/17	4/23/31	85,000	4/12/2022 ANNUITY DUE					Glee, Singl	
50342.00025GB02	440.0010-GB2	GB	Continuous Score-Coded Pitch Correction And Harmony Generation Techniques For Geographically Distributed Glee Clubs	UTL	Libler, Tom Cook, Perry R., Lasher, Ari Kirk, Turner, Evan	1708935.2	4/12/11	4/12/10	2546696	10/11/17	4/23/31	85,000	4/12/2022 ANNUITY DUE					Glee, Singl	

Reference #	Rev Reference	CTF	Title	Type	Inventor/Holder/Contributor	Serial #	Filed Date	Publ Date	Patent #	Issue Date	Domestic Rule	State	Next Due (if any)	Next Steps (Decision)	Local Appl.	IP	Confidentiality	Other	
50342.00046US02	140-0022-1US 9342.00063	US	Automatic Conversion Of Speech Into Song, Rap, Or Other Audible Expression Having Target Meter Or Rhythm	UTL	Gupta, Prerna Cook, Perry R. Chordia, Parag Gooley, Mark Rao, Alexander	13/910949	6/5/13	3/29/12	9666199	5/30/17	778/933	US,062	11/30/2024 2ND MAINTENANCE FEE DUE					AutoRap Songfly	
50342.00046US03	9342.00063US02	US	Automatic Conversion Of Speech Into Song, Rap, Or Other Audible Expression Having Target Meter Or Rhythm	UTL	Chordia, Parag Gooley, Mark Rao, Alexander Gupta, Prerna Cook, Perry R.	15/606111	5/26/17	3/29/12	10290307	5/14/19	929/933	US,063	11/14/2022 1ST MAINTENANCE FEE DUE					AutoRap Songfly	
50342.00046US04	9342.00063US03	US	Automatic Conversion Of Speech Into Song, Rap, Or Other Audible Expression Having Target Meter Or Rhythm	UTL	Chordia, Parag Gooley, Mark Rao, Alexander Gupta, Prerna Cook, Perry R.	16/410500	5/13/19	3/28/17	11127407	9/21/21	929/933	US,062	11/21/2025 1ST MAINTENANCE FEE DUE					AutoRap Songfly	
50342.00046US05	9342.00063US04	US	Automatic Conversion Of Speech Into Song, Rap, Or Other Audible Expression Having Target Meter Or Rhythm	UTL	Chordia, Parag Gooley, Mark Rao, Alexander Gupta, Prerna Cook, Perry R.	17/479912	9/20/21	3/29/12				PENDING	AWTG OFFICE ACTION						
50342.00083		JP	Automatic Conversion Of Speech Into Song, Rap Or Other Audible Expression Having Target Meter Or Rhythm	UTL	Chordia, Parag Gooley, Mark Rao, Alexander Gupta, Prerna Cook, Perry R.	2014-7030440	3/29/13	3/29/12	61-2038171	10/23/19	929/933	US,062	10/23/2022 ANNUITY DUE						AutoRap Songfly
50342.00084		JP	Automatic Conversion Of Speech Into Song, Rap Or Other Audible Expression Having Target Meter Or Rhythm	UTL	Chordia, Parag Gooley, Mark Rao, Alexander Gupta, Prerna Cook, Perry R.	2015-503661	3/29/13	3/29/12	63-40858	2/18/18	929/933	US,062	02/18/2022 ANNUITY DUE						AutoRap Songfly
50342.00066US01	140-0028-US	US	Automatic Estimation Of Latency For Synchronization Of Recordings In Vocal Capture Applications	UTL	Amanda S. Chaudhry	14/216136	3/17/14	3/15/13	9412390	8/08/16	730/934	US,063	08/08/2024 2ND MAINTENANCE FEE DUE						Singf
50342.00066US02		US	Crowd-Sourced Device Latency Estimation For Synchronization Of Recordings In Vocal Capture Applications	UTL	Chaudhry, Amanda Stamwold, David Shimmin, John Jabr, Lance	15/178234	6/9/16	3/15/13	10264985	3/27/19	917/934	US,063	11/27/2022 1ST MAINTENANCE FEE DUE						Singf
50342.00066US03		US	Crowd-Sourced Device Latency Estimation For Synchronization Of Recordings In Vocal Capture Applications	UTL	Chaudhry, Amanda Stamwold, David Shimmin, John Jabr, Lance	16/403939	5/6/19	3/15/13	11146901	10/12/21	917/934	US,060	4/12/2025 1ST MAINTENANCE FEE DUE						
50342.00066US04		US	Crowd-Sourced Device Latency Estimation For Synchronization Of Recordings In Vocal Capture Applications	UTL	Chaudhry, Amanda Stamwold, David Shimmin, John Jabr, Lance	17/450537	10/11/21	3/15/13				PENDING	AWTG OFFICE ACTION						Singf
50342.00069		US	Social Music System And Method With Continuous, Real-Time Pitch Correction Of Vocal Performance And Dry Vocal Capture For Subsequent Re-Rendering Based On Selectively Applicable Vocal Effect(s) Schedule(s)	UTL	Yang, Jeanne Krug, Nicholas M. Thompson, Gregory C. Cook, Perry R.	13/960564	8/6/13	9/7/12	9601127	3/21/17	124/933	US,063	03/21/2024 2ND MAINT FEEDUE						Singf
50342.00069US02		US	Social Music System And Method With Continuous, Real-Time Pitch Correction Of Vocal Performance And Dry Vocal Capture For Subsequent Re-Rendering Based On Selectively Applicable Vocal Effect(s) Schedule(s)	UTL	Yang, Jeanne Krug, Nicholas M. Thompson, Gregory C. Cook, Perry R.	15/463878	3/20/17	9/12/10	10228682	3/12/19	412/931	US,062	03/12/2022 1ST MAINT FEEDUE						Singf
50342.00069US03		US	Social Music System And Method With Continuous, Real-Time Pitch Correction Of Vocal Performance And Dry Vocal Capture For Subsequent Re-Rendering Based On Selectively Applicable Vocal Effect(s) Schedule(s)	UTL	Yang, Jeanne Krug, Nicholas M. Thompson, Gregory C. Cook, Perry R.	16/296391	3/8/19	9/12/10	109310256	2/23/21	412/931	US,062	02/23/2024 1ST MAINT FEEDUE						Singf
50342.00069US04		US	Social Music System And Method With Continuous, Real-Time Pitch Correction Of Vocal Performance And Dry Vocal Capture For Subsequent Re-Rendering Based On Selectively Applicable Vocal Effect(s) Schedule(s)	UTL	Yang, Jeanne Krug, Nicholas M. Thompson, Gregory C. Cook, Perry R.	17/249113	2/19/21					PENDING	AWAITING OFFICE ACTION						
50342.00070JP01		JP	Caraoke System And Method With Real-Time Continuous Pitch Correction Of Vocal Performance And Dry Vocal Capture For Subsequent Re-Rendering	UTL	Yang, Jeanne Krug, Nicholas M. Thompson, Gregory C. Cook, Perry R.	2015-526650	8/6/13	9/7/12	63-71289	7/20/18	95/933	US,063	07/20/2022 ANNUITY DUE						Singf
50342.00070KR01		KR	SOCIAL MUSIC SYSTEM AND METHOD WITH CONTINUOUS, REAL-TIME PITCH CORRECTION OF VOCAL PERFORMANCE AND DRY VOCAL CAPTURE FOR SUBSEQUENT RE-RENDERING BASED ON SELECTIVELY APPLICABLE VOCAL EFFECT(S) SCHEDULE(S)	UTL	Yang, Jeanne Krug, Nicholas M. Thompson, Gregory C. Cook, Perry R.	2015-7005988	8/6/13	9/7/12	10-2246623	4/26/21	95/933	US,062	4/26/2024 ANNUITY DUE						Singf

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Reference #	How Referenced	Class	Title	Type	Inventor Name(s) Continued	Serial #	Filed Date	Pendency Date	Patent #	Issue Date	Expiry Date	Status	Next Due (if any)	Next Steps (Decision)	Goal	Sub	Sync	Other
50342.00073		US	Audiovisual Capture And Sharing Framework With Coordinated User-Selectable Audio And Video Effects Filters	UTL	Chorda, Parag P. Cook, Perry R. Godfrey, Mark T. Gupta, Prerna Krughe, Nicholas M. Laskow, Randal J. Rau, Alexander M.D. Simon, Ian S.	14/104618	12/12/13	12/12/12	9459768	10/4/15	11/1/14	ISSUED	11/1/2014 2ND MAINT FEE DUE					
50342.00073US03		US	Audiovisual Capture And Sharing Framework With Coordinated User-Selectable Audio And Video Effects Filters	UTL	Chorda, Parag P. Cook, Perry R. Godfrey, Mark T. Gupta, Prerna Krughe, Nicholas M. Laskow, Randal J. Rau, Alexander M.D. Simon, Ian S.	16/834775	3/30/20	12/12/12	11264058	3/1/22	9/29/33	ISSUED	9/29/2025 1ST MAINTENANCE FEE DUE					Onbeat
50342.00073US04		US	Audiovisual Capture And Sharing Framework With Coordinated User-Selectable Audio And Video Effects Filters	UTL	Chorda, Parag P. Cook, Perry R. Godfrey, Mark T. Gupta, Prerna Krughe, Nicholas M. Laskow, Randal J. Rau, Alexander M.D. Simon, Ian S.	17/652810	2/28/22	12/12/12				PENDING	12/28/2022 MISSING PARTS DUE					
50342.00073US02		US	Audiovisual Capture And Sharing Framework With Coordinated User-Selectable Audio And Video Effects Filters	UTL	Chorda, Parag P. Cook, Perry R. Godfrey, Mark T. Gupta, Prerna Krughe, Nicholas M. Laskow, Randal J. Rau, Alexander M.D. Simon, Ian S.	15/284229	10/3/16	12/12/12	91807650	3/31/20	9/29/33	ISSUED	9/29/2025 1ST MAINT FEE DUE					Onbeat
50342.00075US01		US	Computationally-Assisted Musical Sequencing And/or Composition Techniques For Social Music Challenge Or Competition	UTL	Laskow, Randal J. Godfrey, Mark Simon, Ian S. Yang, Jeannie Wang, Michael W.	14/587625	12/31/14	12/31/13	10262644	4/15/19	12/31/24	ISSUED	12/15/2022 1ST MAINT FEE DUE					Rap Battle
50342.00075US02		US	Computationally-Assisted Musical Sequencing And/or Composition Techniques For Social Music Challenge Or Competition	UTL	Laskow, Randal J. Godfrey, Mark Simon, Ian S. Yang, Jeannie Wang, Michael W.	16/384273	4/15/19	12/31/13				PENDING	4/15/2022 RESPONSE TO OA					Rap Battle
50342.00079US01		US	Score Directed String Requiring And Gesture Cueing In Synthetic Multi-String Musical Instrument	UTL	Krughe, Nick	14/285391	5/22/14	9/22/13	9472178	10/16/16	12/35	ISSUED	4/18/2024 2ND MAINT FEE DUE					Guitar
50342.00079US01		US	Coordinated Audiovisual Montage From Selected Crowd-Sourced Content With Alignment To Audio Baseline	UTL	Godfrey, Mark T. Kirk, Turner Evan Simon, Ian S.	14/739910	6/15/15	9/13/14	1097119	4/8/21	8/5/26	ISSUED	10/8/2024 1ST MAINTENANCE FEE DUE					Smooth (Sing)
50342.00079US02		US	Coordinated Audiovisual Montage From Selected Crowd-Sourced Content With Alignment To Audio Baseline	CAK	Godfrey, Mark T. Kirk, Turner Evan Simon, Ian S. Krughe, Nicholas M.	17/322752	4/5/21	9/30/14				ABANDONED	9/30/2019 10800000					
50342.00078WO01		WO	Coordinated Audiovisual Montage From Selected Crowd-Sourced Content With Alignment To Audio Baseline	UTL	Godfrey, Mark T. Kirk, Turner Evan Simon, Ian S.	PCT/US2015/033831	6/15/15	9/30/14				EXPIRED						Smooth (Sing)
50342.00086WO01		WO	Coordinating And Mixing Audiovisual Content Captured From Geographically Distributed Performers	UTL	Godfrey, Mark T. Cook, Perry R.	PCT/US2015/068373	10/30/15	10/30/15				EXPIRED						
50342.00086US01		US	Coordinating And Mixing Audiovisual Content Captured From Geographically Distributed Performers	UTL	Godfrey, Mark T. Cook, Perry R.	14/928727	10/30/15		9666731	1/9/18	4/23/1	ISSUED	1/9/2018 2ND MAINT FEE DUE					
50342.00086US03		US	Coordinating And Mixing Audiovisual Content Captured From Geographically Distributed Performers	UTL	Godfrey, Mark T. Cook, Perry R.	16/814132	3/10/20	4/12/11				ALLOWED	9/11/2022 ISSUE FEE DUE					
50342.00086US02		US	Coordinating And Mixing Audiovisual Content Captured From Geographically Distributed Performers	UTL	Godfrey, Mark T. Cook, Perry R.	15/864819	1/8/18	4/12/11	10687780	3/10/23	12/30	ISSUED	3/10/2023 1ST MAINTENANCE FEE DUE					Sing Video
50342.00087US01		US	Automated Generation Of Coordinated Audiovisual Work Based On Content Captured Geographically Distributed Performers	UTL	Sung, Kevin Molodov, Jon Cook, Perry R. Kim, Bona Shimmin, John Yang, Jeannie	15/173041	6/3/16	9/315	9911403	3/6/18	9/38	ISSUED	9/30/2025 2ND MAINTENANCE FEE DUE					Sing Group Video
50342.00087US02		US	Automated Generation Of Coordinated Audiovisual Work Based On Content Captured Geographically Distributed Performers	UTL	Sung, Kevin Molodov, Jon Cook, Perry R. Kim, Bona Shimmin, John Yang, Jeannie	15/910646	3/2/18	9/315	10424283	9/24/19	9/38	ISSUED	9/24/2019 1ST MAINTENANCE FEE DUE					Sing Group Video
50342.00087US03		US	Automated Generation Of Coordinated Audiovisual Work Based On Content Captured Geographically Distributed Performers	UTL	Sung, Kevin Molodov, Jon Cook, Perry R. Kim, Bona Shimmin, John Yang, Jeannie	16/574971	9/18/19	9/315	1158298	10/25/21	9/38	ISSUED	10/25/2021 1ST MAINTENANCE FEE DUE					Sing Group Video

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50342.00087US04		US	Automated Generation Of Coordinated Audiovisual Work Based On Content Captured From Geographically Distributed Performers	UTL	Sung, Kevin Mukover, Jun Cook, Perry R. Kim, Bona Shimmin, John Yang, Jeannie	17452,174	10/25/21	9/3/15				PENDING	4/5/2022 MISSING PARTS DUE							
50342.00087CN01		WO	Automated Generation Of Coordinated Audiovisual Work Based On Content Captured From Geographically Distributed Performers	UTL	Sung, Kevin Mukover, Jun Cook, Perry R. Kim, Bona Shimmin, John Yang, Jeannie	PCT/US2016/033810	6/3/16	9/3/15				ABANDONED								
50342.00087AU01		AU	Automated Generation Of Coordinated Audiovisual Work Based On Content Captured From Geographically Distributed Performers	UTL	Sung, Kevin Mukover, Jun Cook, Perry R. Kim, Bona Shimmin, John Yang, Jeannie	2016270352	6/3/16	9/3/15	2016270352	2/22/21	9/3/18	ISSUED	12/28/2022 ANNUITY DUE		Singl Group Video		Singl Group Video			
50342.00087CN01		WO	Automated Generation Of Coordinated Audiovisual Work Based On Content Captured From Geographically Distributed Performers	UTL	Sung, Kevin Mukover, Jun Cook, Perry R. Kim, Bona Shimmin, John Yang, Jeannie	201680032651.6	6/3/16	9/3/15	201680032651.6	3/4/22	9/3/18	ABANDONED	9/19/2022 ANNUITY DUE		Singl Group Video		Singl Group Video			
50342.00087GB01		GB	Automated Generation Of Coordinated Audiovisual Work Based On Content Captured From Geographically Distributed Performers	UTL	Sung, Kevin Mukover, Jun Cook, Perry R. Kim, Bona Shimmin, John Yang, Jeannie	1719624.7	6/3/16	9/3/15	2554322	7/14/21	9/3/18	ISSUED	10/31/2022 ANNUITY DUE		Singl Group Video		Singl Group Video			
50342.00087HK01		WO	Automated Generation Of Coordinated Audiovisual Work Based On Content Captured From Geographically Distributed Performers	UTL	Sung, Kevin Mukover, Jun Cook, Perry R. Kim, Bona Shimmin, John Yang, Jeannie	18114438.1	11/12/18	9/3/15				PENDING	11/12/2023 STAGE 2 STATUS CHECK		Singl Group Video		Singl Group Video			
50342.00087KR01		WO	Automated Generation Of Coordinated Audiovisual Work Based On Content Captured From Geographically Distributed Performers	UTL	Sung, Kevin Mukover, Jun Cook, Perry R. Kim, Bona Shimmin, John Yang, Jeannie	2017-7034851	6/3/16	9/3/15				PENDING	AWAITING OFFICE ACTION		Singl Group Video		Singl Group Video			
50342.00089US01		US	Synthetic Musical Instrument With Touch Dynamics And/or Expressiveness Control	UTL	Cook, Perry R. Yang, Jeannie Woo, Young Shimmin, John Leshkow, Randall Berger, Michael Smith, Jeff	15/275807	9/26/16	10/31/11	9761209	9/12/17	10/31/22	ISSUED	3/12/2025 2ND MAINTENANCE FEE DUE						Magic Piano	
50342.00089US02		US	Synthetic Musical Instrument With Touch Dynamics And/or Expressiveness Control	UTL	Cook, Perry R., Yang, Jeannie, Woo, Young, Shimmin, John, Leshkow, Randall, Berger, Michael, Smith, Jeff	15/697877	9/7/17	10/31/11				ABANDONED	NO NEW WORK SUBMITTED							Magic Piano
50342.00089WO01		WO	Synthetic Musical Instrument With Touch Dynamics And/or Expressiveness Control	UTL	Cook, Perry R., Yang, Jeannie, Woo, Young, Shimmin, John, Leshkow, Randall, Berger, Michael, Smith, Jeff	PCT/US2016/033791	9/26/16	9/3/15				ABANDONED								Magic Piano
50342.00090US02		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Harsh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566061	5/26/16	10/8/15	0800287	1/29/18	10/3/18	ISSUED								Singl. Fireworks
50342.00090US03		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Harsh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566062	5/26/16	10/8/15	0800175	1/12/17	10/24/17	ISSUED								Singl. Fireworks
50342.00090US04		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Harsh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566239	5/27/16	10/8/15	0800528	1/21/17	12/19/17	ISSUED								Singl. Fireworks
50342.00090US05		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Harsh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566242	5/27/16	10/8/15	0800692	1/22/17	12/29/17	ISSUED								Singl. Fireworks
50342.00090US06		US	Animated Graphical User Interface For A Display Screen Or Portion Thereof	DES	Harsh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566249	5/27/16	10/8/15	0800529	1/21/17	12/19/17	ISSUED								Singl. Fireworks
50342.00090US07		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Harsh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566255	5/27/16	10/8/15	0800738	1/30/18	1/9/18	ISSUED								Singl. Fireworks
50342.00090US08		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Harsh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566070	5/26/16	10/8/15	0801364	10/31/17	10/31/17	ISSUED								Singl. Fireworks

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50342.00090US09		US	Graphical User Interface For A Display Screen Or Portion Thereof	DES	Hersh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566074	5/26/16	10/8/15	9803245	1/12/17	11/2/32	ISSUED							Singl. Fireworks		
50342.00090US10		US	Display Screen or Portion Thereof with Graphical User Interface	DES	Hersh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566079	5/26/16	10/8/15	9803393	1/17/17	11/7/32	ISSUED								Singl. Fireworks	
50342.00090US11		US	Display Screen or Portion Thereof with Animated Graphical User Interface	DES	Hersh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566085	5/26/16	10/8/15	9800752	1/24/17	10/24/32	ISSUED								Singl. Fireworks	
50342.00090US12		US	Animated Graphical User Interface For A Display Screen Or Portion Thereof	DES	Hersh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566090	5/26/16	10/8/15	9800753	1/24/17	10/24/32	ISSUED								Singl. Fireworks	
50342.00090US13		US	Display Screen Or Portion Thereof With Graphical User Interface	DES	Hersh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566265	5/27/16	10/8/15	9805530	1/21/17	12/19/32	ISSUED								Singl. Fireworks	
50342.00090US14		US	Graphical User Interface For A Display Screen Or Portion Thereof	DES	Hersh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566269	5/27/16	10/8/15	9813265	3/23/18	9/23/33	ISSUED								Singl. Fireworks	
50342.00090US15		US	Graphical User Interface For A Display Screen Or Portion Thereof	DES	Hersh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566279	5/27/16	10/8/15	9805531	1/21/17	12/19/32	ISSUED								Singl. Fireworks	
50342.00090US16		US	Graphical User Interface For A Display Screen Or Portion Thereof	DES	Hersh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	29/566288	5/27/16	10/8/15	9813266	3/23/18	9/23/33	ISSUED								Singl. Fireworks	
50342.00091US01		US	Audiovisual Media Application Platform with Wireless Handheld Audiovisual Input	UTL	Hersh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	15/337866	10/28/16	10/29/15	10565972	2/18/20	10/28/36	ISSUED	8/19/203 1ST MAINTENANCE FEE DUE							Singl. Fireworks	
50342.00091US02		US	Wireless Handheld Audio Capture Device and Multi-Vocalist Method for Audiovisual Media Application	UTL	Hersh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	15/337891	10/28/16	10/29/15	11093210	8/17/21	10/28/36	ISSUED	10/17/203 1ST MAINTENANCE FEE DUE							Singl. Fireworks	
50342.91US03		US	Wireless Handheld Audio Capture Device and Multi-Vocalist Method for Audiovisual Media Application	UTL	Hersh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	17/403342	8/16/21	10/29/15				PENDING	AWTG OFFICE ACTION								
50342.00091W001		WO	Audiovisual Media Application Platform, Wireless Handheld Audio Capture Device and Multi-Vocalist Method, Thereof	UTL	Hersh, Benjamin Shimmin, John Yang, Jeannie Cook, Perry R.	PCT/US2016/050831	10/28/16	10/29/15				EXPIRED								Singl. Fireworks	
50342.00096US01		US	Crowd-Sourced Technique For Pitch Track Generation	UTL	Sullivan, Stefan Shimmin, John Schaffer, Dean Cook, Perry R.	15/649040	7/13/17	7/13/16	10461071	10/29/19	7/13/37	ISSUED	4/29/203 1ST MAINTENANCE FEE DUE							Singl. CCCP	Composer
50342.00096US02		US	Crowd-Sourced Technique For Pitch Track Generation	UTL	Sullivan, Stefan Shimmin, John Schaffer, Dean Cook, Perry R.	16/665611	10/28/19	7/13/16	11250626	2/15/21	7/13/37	ISSUED	4/15/203 1ST MAINTENANCE FEE DUE							Singl. CCCP	Composer
50342.00096US03		US	Crowd-Sourced Technique For Pitch Track Generation	UTL	Sullivan, Stefan Shimmin, John Schaffer, Dean Cook, Perry R.	17/651022	8/16/21	7/13/16				PENDING	4/22/203 MISSING PARTS DUE								
50342.00096W001		WO	Crowd-Sourced Technique For Pitch Track Generation	UTL	Sullivan, Stefan Shimmin, John Schaffer, Dean Cook, Perry R.	201780056045-2	7/13/17	7/13/16				ABANDONED	Reconsideration to allow to lapse							Singl. CCCP	Composer
50342.00096EP01		EP	Crowd-Sourced Technique For Pitch Track Generation	UTL	Sullivan, Stefan Shimmin, John Schaffer, Dean Cook, Perry R.	17828471.7	7/13/17	7/13/16				ABANDONED	Reconsideration to allow to lapse							Singl. CCCP	Composer
50342.00096IN11		IN	Crowd-Sourced Technique For Pitch Track Generation	UTL	Sullivan, Stefan Shimmin, John Schaffer, Dean Cook, Perry R.	201917005306	7/13/17	7/13/16				ABANDONED	Reconsideration to allow to lapse							Singl. CCCP	Composer
50342.00096W002		WO	Crowd-Sourced Technique For Pitch Track Generation	UTL	Sullivan, Stefan Shimmin, John Schaffer, Dean Cook, Perry R.	PCT/US2017/041952	7/13/17	7/13/16				EXPIRED	ON EP IN FILING							Singl. CCCP	Composer
50342.00097US01		US	Musical Composition Authoring Environment Integrated With Synthetic Musical Instrument	UTL	Espwala, Charles Yang, Jeannie Cook, Perry R. Corral, Oscar Moody, Jonathan Via, Ron Smith, Jeffrey C. Schaffer, Dean	15/667372	8/2/17	8/2/16	10339906	7/2/18	8/2/37	ISSUED	1/22/203 1ST MAINTENANCE FEE DUE							Magic Piano	Composer

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Reference #	How Referenced	CTF	Title	Type	Inventor Name (Continued)	Serial #	Filed Date	Priority Date	Patent #	Issue Date	Expiration Date	Status	Next Due (Current)	Next Steps (Decision)	Goal	Subj. Area	Applicant	Inventor	
50342.00098US02		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Espeleta, Charles Yang, Jeannie Corra, Oscar Moody, Jonathan Xia, Ran Smith, Jeffrey C. Hamilton, Robert	29/600446	4/12/17	9/21/16	0944664	4/2/19	4/2/34	ISSUED						Magic Piano	Composer
50342.00098US03		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Espeleta, Charles Yang, Jeannie Corra, Oscar Moody, Jonathan Xia, Ran Smith, Jeffrey C. Hamilton, Robert	29/600449	4/12/17	9/21/16	0944642	4/8/19	4/8/34	ISSUED						Magic Piano	Composer
50342.00098US04		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Espeleta, Charles Yang, Jeannie Corra, Oscar Moody, Jonathan Xia, Ran Smith, Jeffrey C. Hamilton, Robert	29/600450	4/12/17	9/21/16	0944646	4/2/19	4/2/34	ISSUED						Magic Piano	Composer
50342.00098US05		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Espeleta, Charles Yang, Jeannie Corra, Oscar Moody, Jonathan Xia, Ran Smith, Jeffrey C. Hamilton, Robert	29/600452	4/12/17	9/21/16	0944665	4/2/19	4/2/34	ISSUED						Magic Piano	Composer
50342.00098US06		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Espeleta, Charles Yang, Jeannie Corra, Oscar Moody, Jonathan Xia, Ran Smith, Jeffrey C. Hamilton, Robert	29/600455	4/12/17	9/21/16	0944666	4/2/19	4/2/34	ISSUED						Magic Piano	Composer
50342.00098US07		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Espeleta, Charles Yang, Jeannie Corra, Oscar Moody, Jonathan Xia, Ran Smith, Jeffrey C. Hamilton, Robert	29/600456	4/12/17	9/21/16	0944667	4/2/19	4/2/34	ISSUED						Magic Piano	Composer
50342.00098US08		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Espeleta, Charles Yang, Jeannie Corra, Oscar Moody, Jonathan Xia, Ran Smith, Jeffrey C. Hamilton, Robert	29/600458	4/12/17	9/21/16	0944647	4/2/19	4/2/34	ISSUED						Magic Piano	Composer
50342.00098US09		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Espeleta, Charles Yang, Jeannie Corra, Oscar Moody, Jonathan Xia, Ran Smith, Jeffrey C. Hamilton, Robert	29/600460	4/12/17	9/21/16	0944639	4/8/19	4/8/34	ISSUED						Magic Piano	Composer
50342.00098US10		US	Display Screen Or Portion Thereof With Animated Graphical User Interface	DES	Espeleta, Charles Yang, Jeannie Corra, Oscar Moody, Jonathan Xia, Ran Smith, Jeffrey C. Hamilton, Robert	29/600461	4/12/17	9/21/16	0944648	1/1/19	1/1/34	ISSUED						Magic Piano	Composer
50342.00098PV01		US	Audiovisual Collaboration Method with Latency Management for Wide-Area Broadcast	REV	Holmberg, Anton Herzh, Benjamin Yang, Jeannie Corra, Perry R. Smith, Jeffrey C.	02/480610	4/3/17	4/3/17				EXPIRED	US AND PCT FILED					Sing Live	Sing Live
50342.00098PV02		US	Audiovisual Collaboration System and Method with Latency Management for Wide-Area Broadcast and Social Media-Type User Interface Mechanics	REV	Holmberg, Anton Herzh, Benjamin Yang, Jeannie Corra, Perry R. Smith, Jeffrey C.	02/685727	6/15/18	6/15/18				EXPIRED	US AND PCT FILED					Sing Live	Sing Live
50342.00098US01		US	Audiovisual Collaboration Method with Latency Management for Wide-Area Broadcast	UTIL	Holmberg, Anton Herzh, Benjamin Yang, Jeannie Corra, Perry R. Smith, Jeffrey C.	15/944537	4/3/18	4/3/17	11032602	6/8/21	6/8/21	ISSUED	9/19/2025 1ST MAINT FEE DUE					Sing Live	Sing Live
50342.00098US02		US	Audiovisual Collaboration System and Method with Latency Management for Wide-Area Broadcast and Social Media-Type User Interface Mechanics	UTIL	Holmberg, Anton Herzh, Benjamin Yang, Jeannie Corra, Perry R. Smith, Jeffrey C.	16/443022	6/17/19	6/15/18	11310636	4/13/22		ISSUED						Sing Live	Sing Live
50342.00098US03		US	Safe Chat Capture Mechanism For Social Media	UTIL	Holmberg, Anton Herzh, Benjamin Yang, Jeannie Corra, Perry R. Smith, Jeffrey C.			6/15/18				PROPOSED							
50342.00098US04		US	Audiovisual Collaboration With User Participation	UTIL	Holmberg, Anton Herzh, Benjamin Yang, Jeannie Corra, Perry R. Smith, Jeffrey C.			6/15/18				PROPOSED							
50342.00098US05		US	AUDIOVISUAL COLLABORATION METHOD WITH LATENCY MANAGEMENT FOR WIDE-AREA BROADCAST	UTIL	Holmberg, Anton Herzh, Benjamin Yang, Jeannie Corra, Perry R. Smith, Jeffrey C.	17/303,769	6/7/21	4/3/17				PENDING	Awaiting Office Action						
50342.00098W002		PCT	Audiovisual Collaboration System and Method with Latency Management for Wide-Area Broadcast and Social Media-Type User Interface Mechanics	PCT	Holmberg, Anton Herzh, Benjamin Yang, Jeannie Corra, Perry R. Smith, Jeffrey C.	PCT/US2019/037479	6/17/19	6/15/18				EXPIRED	US AND PCT FILED					Sing Live	Sing Live

SMULE, INC. Current U.S. and Foreign Patent Matters

Reference #	How Referenced	Class	Title	Inventor/Inventor Countries	Serial #	Filed Date	Priority Date	Patent #	Issue Date	Expiration Date	Status	Next Due (Office)	Next Spec. Decision	Local Subs.	Int'l Subs.	Patent #	Office
50342.00099CN02		01	Audiovisual Livestream System And Method With Latency Management And Social Media-Type User Interface Mechanics	Holmberg, Anton Hersh, Benjamin Yang, Jeannie Woo, Yurong Liang, Wang Cook, Perry R. Smith, Jeffrey C.	201980052977.9	6/17/19	9/5/18				PENDING	AWTG OFFICE ACTION		Singl	Live		
50342.00099IN02		01	Audiovisual Livestream System And Method With Latency Management And Social Media-Type User Interface Mechanics	Holmberg, Anton Hersh, Benjamin Yang, Jeannie Woo, Yurong Liang, Wang Cook, Perry R. Smith, Jeffrey C.	202117000519	6/17/19	9/5/18				PENDING	AWTG OFFICE ACTION		Singl	Live		
50342.00099EP02		01	Audiovisual Livestream System And Method With Latency Management And Social Media-Type User Interface Mechanics	Holmberg, Anton Hersh, Benjamin Yang, Jeannie Woo, Yurong Liang, Wang Cook, Perry R. Smith, Jeffrey C.	19819554.7	6/17/19	9/5/18				PENDING	01/2022 ANNUITY DUE; AWTG OFFICE ACTION		Singl	Live		
50342.00099ZA02		01	Audiovisual Livestream System And Method With Latency Management And Social Media-Type User Interface Mechanics	Holmberg, Anton Hersh, Benjamin Yang, Jeannie Woo, Yurong Liang, Wang Cook, Perry R. Smith, Jeffrey C.	2021/00066	6/17/19	9/5/18				PENDING	01/2022 ANNUITY DUE		Singl	Live		
50342.00099HK01		01	Audiovisual Collaboration Method with Latency Management for Wide-Area Broadcast	HOLMBERG, Anton HERSH, Benjamin YANG, Jeannie COOK, Perry R. SMITH, Jeffrey C.	PCT/US18/25907	4/3/18	4/3/17				EXPRED	ON HOLD		Singl	Live		
50342.00099CN01		01	Audiovisual Collaboration Method with Latency Management for Wide-Area Broadcast	HOLMBERG, Anton HERSH, Benjamin YANG, Jeannie COOK, Perry R. SMITH, Jeffrey C.	201880036672.4	4/3/18	4/3/17				PENDING	04/26/2022 RESPONSE DUE		Singl	Live		
50342.00099DE01		01	Audiovisual Collaboration Method with Latency Management for Wide-Area Broadcast	HOLMBERG, Anton HERSH, Benjamin YANG, Jeannie COOK, Perry R. SMITH, Jeffrey C.	112018001871.7	4/3/18	4/3/17				PENDING	4/3/2025 REQUEST EXAMINATION		Singl	Live		
50342.00099HK01		01	Audiovisual Collaboration Method with Latency Management for Wide-Area Broadcast	HOLMBERG, Anton HERSH, Benjamin YANG, Jeannie COOK, Perry R. SMITH, Jeffrey C.	62020011100.8	4/3/18	4/3/17				PENDING	4/3/2025 STAGE 2 STATUS CHECK		Singl	Live		
50342.00101US01		01	Audio-Visual Effects System for Augmentation of Captured Performance Based on Content Thereof	STEINWEDEL, David CHI, Paul ZHOU, Wei MOLDOVER, Jon HOLMBERG, Anton COOK, Perry R. LI, Jingqi	16/107351	8/21/18	9/3/18				PENDING	AWTG EXAMINERS ANSWER		Singl			
50342.00101HK01		01	Audio-Visual Effects System for Augmentation of Captured Performance Based on Content Thereof	STEINWEDEL, David CHI, Paul ZHOU, Wei MOLDOVER, Jon HOLMBERG, Anton COOK, Perry R. LI, Jingqi	PCT/US2018/0247	8/21/18	9/2/18				EXPRED	FILED ON DE		Singl			
50342.00101CN01		01	Audio-Visual Effects System for Augmentation of Captured Performance Based on Content Thereof	STEINWEDEL, David CHI, Paul ZHOU, Wei MOLDOVER, Jon HOLMBERG, Anton COOK, Perry R. LI, Jingqi	201880054029.4	8/21/18	9/2/18			8/21/18	PENDING	4/19/2022 RESPONSE TO OFFICE ACTION		Singl			
50342.00101DE01		01	Audio-Visual Effects System for Augmentation of Captured Performance Based on Content Thereof	STEINWEDEL, David CHI, Paul ZHOU, Wei MOLDOVER, Jon HOLMBERG, Anton COOK, Perry R. LI, Jingqi	112018004717.2	8/21/18	9/2/18			8/21/18	PENDING	8/21/2022 ANNUITY DUE; 8/21/2025 REQUEST EXAMINATION		Singl			
50342.00101PR01		01	Audio-Visual Effects System for Augmentation of Captured Performance Based on Content Thereof	STEINWEDEL, David CHI, Paul ZHOU, Wei MOLDOVER, Jon HOLMBERG, Anton COOK, Perry R. LI, Jingqi	66/548122	8/21/17	9/2/17				EXPRED	US880 PCE FILED		Singl			

Reference #	Rev	References	CTV	Title	Type	Inventor Name	Continued	Serial #	Filed Date	Publ Date	Patent #	Issue Date	Domest. File	State	Int. Jur. (Office)	Next Steps (Action)	Local Appl.	Int. Jur.	Applicant	Attorney		
50342.00104PV01			US	Non-Linear Media Segment Capture Techniques For Portable Style Center	REV	Starnwood, David Slobodian, Andrea Smith, Jeffrey C.		62674460	5/21/16					EXPIRED	US AND PCT FILED							
50342.00104PV02			US	Non-Linear Media Segment Capture And Edit Platform For Portable Style Center And/or Platform Collaboration	REV	Starnwood, David Slobodian, Andrea Cook, Perry R. Smith, Jeffrey C.		62682129	6/28/18						EXPIRED	US AND PCT FILED						
50342.00104PV03			US	Short Video Clip Generation For User Engagement In Vocal	REV	Mokover, Jon Starnwood, David Slobodian, Andrea Smith, Jeffrey C. Cook, Perry R.		62691412	8/25/18						EXPIRED	US AND PCT FILED						
50342.00104US01			US	Non-Linear Media Segment Capture And Edit Platform	UTL	Starnwood, David Slobodian, Andrea Cook, Perry R. Smith, Jeffrey C.		16418659	5/21/19	9/21/18		10443574	3/9/21	9/21/19	ISSUED	9/21/2024 1ST MAINTENANCE FEE DUE						
50342.00104US02			US	Audiovisual Collaboration System and Method with SeedJoin Mechanic	UTL	Starnwood, David Slobodian, Andrea Smith, Jeffrey C. Perry R, Cook		16458550	7/1/19	9/21/18		11250825	2/3/22	9/21/19	ISSUED	8/19/2025 1ST MAINTENANCE FEE DUE						
50342.00104IND01			PCT	Non-Linear Media Segment Capture And Edit Platform	PCT	Starnwood, David Slobodian, Andrea Cook, Perry R. Smith, Jeffrey C.		PCT/US2018/033	5/21/19	9/21/18					EXPIRED	US AND PCT FILED						
50342.00104CN01			CA	Non-Linear Media Segment Capture And Edit Platform		Starnwood, David Slobodian, Andrea Cook, Perry R. Smith, Jeffrey C.		201980048427 X	5/21/19	9/21/18					PENDING	AWAITING OFFICE ACTION						
50342.00104EP01			EP	Non-Linear Media Segment Capture And Edit Platform		Starnwood, David Slobodian, Andrea Cook, Perry R. Smith, Jeffrey C.		19807667 1	5/21/19	9/21/18					PENDING	05/21/2022 ANNUITY DUE AWITG OFFICE ACTION						
50342.00104IND1			N	Non-Linear Media Segment Capture And Edit Platform		Starnwood, David Slobodian, Andrea Cook, Perry R. Smith, Jeffrey C.		202017053715	5/21/19						PENDING	9/21/2022 REQUEST EXAMINATION						
50342.00104ZA01			ZK	Non-Linear Media Segment Capture And Edit Platform		Starnwood, David Slobodian, Andrea Cook, Perry R. Smith, Jeffrey C.		2020/07461	5/21/19	9/21/18		2020/07461	1/27/21	9/21/19	ISSUED	05/21/2022 ANNUITY DUE						
50342.00104IND02			PCT	Audiovisual Collaboration System and Method with SeedJoin Mechanic	PCT	Starnwood, David Slobodian, Andrea Smith, Jeffrey C. Perry R, Cook		PCT/US18/00112	7/1/19	9/21/18					EXPIRED	US AND PCT FILED						
50342.00104CN02			CA	Audiovisual Collaboration System and Method with SeedJoin Mechanic		Starnwood, David Slobodian, Andrea Smith, Jeffrey C. Perry R, Cook		201980056174 0	7/1/19						PENDING	AWITG OFFICE ACTION						
50342.00104EP02			EP	Audiovisual Collaboration System and Method with SeedJoin Mechanic		Starnwood, David Slobodian, Andrea Smith, Jeffrey C. Perry R, Cook		19826458 2	7/1/19						PENDING	7/31/2022 ANNUITY DUE						
50342.00104IND2			N	Audiovisual Collaboration System and Method with SeedJoin Mechanic		Starnwood, David Slobodian, Andrea Smith, Jeffrey C. Perry R, Cook		202117003998	7/1/19						PENDING	AWITG OFFICE ACTION						
50342.00104ZA02			ZK	Audiovisual Collaboration System and Method with SeedJoin Mechanic	UTL	Starnwood, David Slobodian, Andrea Smith, Jeffrey C. Perry R, Cook		2021/00481	7/1/19						PENDING	07/01/2022 ANNUITY DUE AWAITING OFFICE ACTION						
50342.00104US04			US	Non-Linear Media Segment Capture And Edit Platform	UTL	Starnwood, David Slobodian, Andrea Smith, Jeffrey C. Perry R, Cook		17249647	3/8/21	9/21/18					PENDING	MISSING PARTS DUE; AWAITING OFFICE ACTION						
50342.00104US03			US	SHORT SEGMENT GENERATION FOR USER ENGAGEMENT IN VOCAL CAPTURE APPLICATIONS	UTL	Mokover, Jon Starnwood, David Smith, Jeffrey C. Cook, Perry R.		16947943	8/25/20	9/25/19					PENDING	AWAITING OFFICE ACTION						
50342.00104US05			US	AUDIOVISUAL COLLABORATION SYSTEM AND METHOD WITH SEEDJOIN MECHANIC	UTL	Starnwood, David Slobodian, Andrea Smith, Jeffrey C. Perry R, Cook		17651055	2/12/22	9/21/18					PENDING	4/22/2022 MISSING PARTS DUE						
50342.00104WO03			PCT	SHORT SEGMENT GENERATION FOR USER ENGAGEMENT IN VOCAL CAPTURE APPLICATIONS	PCT	Mokover, Jon Starnwood, David Smith, Jeffrey C. Cook, Perry R.		PCT/US2020/047	8/25/20	9/25/19					PENDING	CN EP IN ZA FILINGS						
50342.00104CN03			CA	SHORT SEGMENT GENERATION FOR USER ENGAGEMENT IN VOCAL CAPTURE APPLICATIONS		Mokover, Jon Starnwood, David Smith, Jeffrey C. Cook, Perry R.		202080059849 X	8/25/20						PENDING	9/29/2022 REQUEST FOR EXAMINATION DUE						
50342.00104EP03			EP	SHORT SEGMENT GENERATION FOR USER ENGAGEMENT IN VOCAL CAPTURE APPLICATIONS		Mokover, Jon Starnwood, David Smith, Jeffrey C. Cook, Perry R.		20856916	8/25/20						PENDING	9/31/2022 ANNUITY DUE						
50342.00104IND3			N	SHORT SEGMENT GENERATION FOR USER ENGAGEMENT IN VOCAL CAPTURE APPLICATIONS		Mokover, Jon Starnwood, David Smith, Jeffrey C. Cook, Perry R.		202217008591 0	8/25/20						PENDING	9/29/2022 REQUEST FOR EXAMINATION DUE						

SMULE, INC. Current U.S. and Foreign Patent Matters

Reference #	Rev	Reference	Class	Title	Type	Inventor Name(s) Combined	Serial #	Filed Date	Publ Date	Patent #	Issue Date	Current Status	Next Due (Current)	Next Spec Decision	Applicant	Attorney	Agent
50342.00104ZA03			26	SHORT SEGMENT GENERATION FOR USER ENGAGEMENT IN VOCAL CAPTURE APPLICATIONS		Miskover, Jon Stamwood, David Smith, Jeffrey C. Cook, Perry R.	2022/02166	2/2/22				PENDING	2/21/23 ACCEPTANCE DEADLINE				
50342.00115US01			08	Non-Linear Metric Based Content Recommendation and Graphical User Interface Thereof	UI	Stamwood, David Chi, Paul T. Sokoloski, Andrew Cook, Perry R.	15/985519	5/21/18				ABANDONED			Signiforum	Signiforum	Signiforum
50342.00106US01			05	Safe Chat Capture Mechanism for Social Media (prov)	PRO	Cook, Perry R. (and others to be confirmed)						PROPOSED (CLAIMS IN REPLY)			Campfire	Campfire	
50342.00107US01			05	Audiovisual Collaboration with User Participation (prov)	PRO	Cook, Perry R. (and others to be confirmed)						PROPOSED (CLAIMS IN REPLY)			Campfire	Campfire	
50342.00108PU01			08	Augmented Reality Filters For Captured Audiovisual Performances	APP	Stamwood, David Holmberg, Anton Villegas, Javier Chi, Paul T. Young, David E. Cook, Perry R.	02/774864	12/3/18				EXPIRES	2/1/20				
50342.00108US01			05	Augmented Reality Filters For Captured Audiovisual Performances	UTL	Stamwood, David Holmberg, Anton Villegas, Javier Chi, Paul T. Young, David E. Cook, Perry R.	17/299295	6/2/21	12/3/18			PENDING	AWAITING OFFICE ACTION				
50342.00108US02			05	Augmented Reality Filters For Captured Audiovisual Performances	UTL	Stamwood, David Holmberg, Anton Villegas, Javier Chi, Paul T. Young, David E. Cook, Perry R.	17/303658	6/3/21	12/3/18			PENDING	AWAITING OFFICE ACTION				
50342.00108WO01			08	Augmented Reality Filters For Captured Audiovisual Performances	PCT	Stamwood, David Holmberg, Anton Villegas, Javier Chi, Paul T. Young, David E. Cook, Perry R.	PCT/US2019/064	12/3/19	12/3/18			PENDING	CN EP JN ZA FI JNGS				
50342.00108CN01			08	Augmented Reality Filters For Captured Audiovisual Performances	APP	Stamwood, David Holmberg, Anton Villegas, Javier Chi, Paul T. Young, David E. Cook, Perry R.	201980089530.9	12/3/19	12/3/18			PENDING	AWAITING OFFICE ACTION				
50342.00108EP01			08	Augmented Reality Filters For Captured Audiovisual Performances	UTL	Stamwood, David Holmberg, Anton Villegas, Javier Chi, Paul T. Young, David E. Cook, Perry R.	19892935.8	12/3/19	12/3/18			PENDING	12/3/22 ANNUITY DUE, 4/19/2022 HONG KONG DEADLINE				
50342.00108IN01			08	Augmented Reality Filters For Captured Audiovisual Performances	UTL	Stamwood, David Holmberg, Anton Villegas, Javier Chi, Paul T. Young, David E. Cook, Perry R.	2.02117E+11	12/3/19	12/3/18			PENDING	12/3/22 REQUEST FOR EXAMINATION				

Green	Issued Patents
Peach	Pending
Yellow	Allowed, or Upcoming Action needed
Orange	Informational
Blue	Recently Issued or Filed
Grey	Abandoned or Expired

Docket Number	Country	Title	Application Number	Filing Date	Publication Number	Publication Date	Patent Number	Grant Date	Inventors	Expiration Date (Patents)	Status	Notes
4354.0010500	United States of America	HETEROGENEOUS COLLABORATIVE FILTERING	16/837,082	04/22/2019					Frank XU; Perry Raymond COOK; Wang (B)		Inactive	• Inactive Professional - no nonprovisional patent filings since 12/28/2020; neither class
4354.0020000	United States of America	TEMPLATE-BASED EXCERPTING AND RENDERING OF MULTIMEDIA PERFORMANCE	16/509,688	07/12/2019			10,726,874	07/28/2020	David Adam STEINWEDEL; Jeffrey Christopher SMITH; Ka Yee CHAN; Perry Raymond COOK	07/12/2035	Granted	• Issued US Patent • Reissue Application due 7/28/2022 • 1st Maintenance Fee due 1/28/2024 • 2nd Maintenance Fee due 1/28/2026 • 3rd Maintenance Fee due 1/28/2028
4354.0020002	United States of America	TEMPLATE-BASED EXCERPTING AND RENDERING OF MULTIMEDIA PERFORMANCE	16/935,679	07/27/2020	2021-0174837 A1	06/10/2021			David Adam STEINWEDEL; Jeffrey Christopher SMITH; Ka Yee CHAN; Perry Raymond COOK		Allowed	• Notice of Allowance mailed 12/24/2021 • Issue Fee and CON application due 3/24/2022
4354.0020003	United States of America	USER-GENERATED TEMPLATES FOR SEGMENTED MULTIMEDIA PERFORMANCE	17/221,517	04/02/2021	2021-0350830 A1	11/11/2021	11,295,784	04/06/2022	Jeffrey Christopher SMITH; Perry Raymond Cook; David Adam Steinwedel		Granted	• Issue Notification mailed 3/16/2022 • CON application due 4/5/2022 • Foreign filing deadline due 4/2/2022 (for new matter only)
4354.0020201	China	TEMPLATE-BASED EXCERPTING AND RENDERING OF MULTIMEDIA PERFORMANCES	202080050181.2	01/10/2022	CN114128295A	03/10/2022			David Adam STEINWEDEL; Jeffrey Christopher SMITH; Ka Yee CHAN; Perry Raymond COOK		Pending	• Voluntary Amendments due by 6/22/2022 • Hong Kong registration due 9/1/2022 • Chinese characters needed for Grace's Chinese name (CHAN, Ka Yee)
4354.0020201	China	TEMPLATE-BASED EXCERPTING AND RENDERING OF MULTIMEDIA PERFORMANCES	PCT/AUS2020/041589	07/10/2020	WO2021/011372	01/21/2021			David Adam STEINWEDEL; Jeffrey Christopher SMITH; Ka Yee CHAN; Perry Raymond COOK		Pending	• National Phase filed in EP, IN, and ZA.
4354.002EP01	EP - EPC	TEMPLATE-BASED EXCERPTING AND RENDERING OF MULTIMEDIA PERFORMANCES	20841583.6	02/20/2022					David Adam STEINWEDEL; Jeffrey Christopher SMITH; Ka Yee CHAN; Perry Raymond COOK		Pending	• EPC 161(2) Excess Claim fee & Voluntary Amdmts due 8/22/22 • 4th Year Maintenance fee due 7/31/2023
4354.002IN01	IN - Indian	TEMPLATE-BASED EXCERPTING AND RENDERING OF MULTIMEDIA PERFORMANCES	202247005981	02/04/2022					David Adam STEINWEDEL; Jeffrey Christopher SMITH; Ka Yee CHAN; Perry Raymond COOK		Pending	• Known Prior Art & POA due 5/4/2022 • Annex 3 due 8/4/2022 • Petition for Examination due 7/12/2023 • Published in Official journal No. 10/2022
4354.002ZA01	ZA - South Africa	TEMPLATE-BASED EXCERPTING AND RENDERING OF MULTIMEDIA PERFORMANCES	2022/01603	02/07/2022					David Adam STEINWEDEL; Jeffrey Christopher SMITH; Ka Yee CHAN; Perry Raymond COOK		Pending	• Form P26 (Statement on the use of indigenous biological resources) and Form P3 (Declaration and POA) due 8/7/2022 • Voluntary Amendments due 8/7/2022 • Divisional Application due 5/7/2023 • Next Tax Due Date 7/10/2023
4354.003GR01	GR - Greek	DENSIFICATION IN MUSIC SEARCH AND RECOMMENDATION	20210100031	01/14/2021					Cheng-I WANG; Stefan SULLIVAN; STEINWEDEL; Stefan SULLIVAN; Georgios TZANETAKIS		Pending	• Pending #990800994530 (copied) Greek to handle unknown indications; Greek owner to file application to support #1-381
4354.003PC02	PCT - Patent Cooperation Treaty	DENSIFICATION IN MUSIC SEARCH AND RECOMMENDATION	PCT/AUS2021/019248	02/23/2021					Cheng-I WANG; David Adam STEINWEDEL; Stefan SULLIVAN; Georgios TZANETAKIS		Pending	• WIPO confirmed receipt of priority document as of 5/5 • ISR dated 10/13/2021 • Response to Search Report due 5/14/2022 (optional, client confirmed not to respond 1/28/2022)
4354.0030001	United States of America	DENSIFICATION IN MUSIC SEARCH AND RECOMMENDATION	17/161,751	02/22/2021					Cheng-I WANG; David Adam STEINWEDEL; Stefan SULLIVAN; Georgios TZANETAKIS		Pending	• File correction of inventor name • First Action Prediction mailed 2/25/2022 • Projected publication date 7/14/2022