

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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Assignment ID: PATI105183

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Acacia Communications, Inc.	07/12/2023
RECEIVING PARTY DATA	
Company Name:	Acacia Technology, Inc.
Street Address:	170 West Tasman Drive
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134
PROPERTY NUMBERS Total: 380	
Property Type	Number
Patent Number:	8526823
Patent Number:	D692842
Patent Number:	8640014
Patent Number:	8806306
Patent Number:	8855495
Patent Number:	8883018
Patent Number:	8938628
Patent Number:	8938031
Patent Number:	9020001
Patent Number:	9154253
Patent Number:	9195079
Patent Number:	9337928
Patent Number:	9372381
Patent Number:	9405073
Patent Number:	9435959
Patent Number:	9477039
Patent Number:	9494748
Patent Number:	9523820
Patent Number:	9529156
Patent Number:	9559487

Property Type	Number
Patent Number:	9557478
Patent Number:	9606377
Patent Number:	9628186
Patent Number:	9625746
Patent Number:	9664853
Patent Number:	9671559
Patent Number:	9680567
Patent Number:	9703038
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Property Type	Number
Patent Number:	10263385
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Patent Number:	10295750
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Patent Number:	10326530
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Property Type	Number
Patent Number:	10840948
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Application Number:	61449803

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Application Number:	17896668
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Application Number:	18096716
Application Number:	18099462
Application Number:	18106047
Application Number:	18129645
Application Number:	18129588
Application Number:	18137632
Application Number:	18205252
Application Number:	18343815
Application Number:	18343841
Application Number:	63525325

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.

Phone: 8332220151

Email: rzaffino@cisco.com

Correspondent Name: Rhonda Zaffino

Address Line 1: Cisco Technology Inc.

Address Line 2: 3 Mill and Main Place, Suite 400

Address Line 4: Maynard, MASSACHUSETTS 01754

ATTORNEY DOCKET NUMBER:	ACI to ATI Assignment
NAME OF SUBMITTER:	Rhonda Zaffino
SIGNATURE:	Rhonda Zaffino
DATE SIGNED:	03/19/2024

Total Attachments: 13

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CONFIRMATION OF PATENT ASSIGNMENT

This **CONFIRMATION OF PATENT ASSIGNMENT** ("**Assignment**") is executed by and among **ACACIA COMMUNICATIONS, INC.**, a Delaware corporation ("**Acacia**"), and **ACACIA TECHNOLOGY, INC.**, a Delaware corporation ("**ATI**").

ACACIA PATENTS

"**Acacia Patents**" shall mean the patents and patent applications listed on Schedule 1, as well as any and all continuations, continuations-in-part, divisionals, reexaminations, reissues, extensions, and any other patents or patent applications that claim priority therefrom, including without limitation any U.S. and non-U.S. patents or patent applications.

ASSIGNMENT

Acacia has previously assigned and transferred, and ATI has previously received and accepted, for good and valuable consideration, all of Acacia's right, title and interest throughout the world in and to the Acacia Patents, and all of Acacia's rights, claims and privileges pertaining to the Acacia Patents, including without limitation, rights to the underlying inventions; 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; the right to sue and recover damages, profits and all other remedies for any past, present or future infringement of any of the foregoing; and the right to stand in the place of Acacia in all matters related thereto

Acacia hereby authorizes and requests the United States Commissioner of Patents and Trademarks and the relevant officials of non-U S countries to implement this Assignment.

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EXECUTION COPY

IN WITNESS WHEREOF, Acacia and ATI have caused this Confirmation of Patent Assignment to be executed by their duly authorized representatives.

ACACIA COMMUNICATIONS, INC.

By: _____

Name: Joseph D'Angelo

Title: Patent and Technology Counsel

Date Signed: July 12, 2023

Address: 3 Mill and Main Place, Suite 400
Maynard, Massachusetts 01754
United States

ACACIA TECHNOLOGY, INC.

By: _____

Name: Dan Lang

Title: Vice President

Date Signed: August 1, 2023

Address: 170 West Tasman Drive
San Jose, California 95134
United States

[SIGNATURE PAGE TO ACACIA CONFIRMATION OF PATENT ASSIGNMENT]

**SCHEDULE 1
TO CONFIRMATION OF PATENT ASSIGNMENT**

U.S. PATENTS

CIPOL RECORD	COUNTRY	PATENT NO.	DATE ISSUED
C/P/1034249/US/ORG/1	US	8526823	03-Sep-2013
C/D/1034256/US/PRI/1	US	D692842	05-Nov-2013
C/P/1034252/US/UTL/1	US	8640014	28-Jan-2014
C/P/1034251/US/UTL/1	US	8806306	12-Aug-2014
C/P/1034274/US/ORG/1	US	8855495	07-Oct-2014
C/P/1034254/US/UTL/1	US	8883018	11-Nov-2014
C/P/1034250/US/UTL/1	US	8938628	20-Jan-2015
C/P/1034253/US/UTL/1	US	8938031	20-Jan-2015
C/P/1034255/US/UTL/1	US	9020001	28-Apr-2015
C/P/1034262/US/UTL/1	US	9154253	06-Oct-2015
C/P/1034222/US/UTL/1	US	9195079	24-Nov-2015
C/P/1034274/US/CON/1	US	9337928	10-May-2016
C/P/1034219/US/UTL/1	US	9372381	21-Jun-2016
C/P/1034212/US/UTL/1	US	9405073	02-Aug-2016
C/P/1034213/US/UTL/1	US	9435959	06-Sep-2016
C/P/1034215/US/UTL/1	US	9477039	25-Oct-2016
C/P/1034237/US/UTL/1	US	9494748	15-Nov-2016
C/P/1034207/US/UTL/1	US	9523820	20-Dec-2016
C/P/1034227/US/UTL/1	US	9529156	27-Dec-2016
C/P/1034204/US/UTL/1	US	9559487	31-Jan-2017
C/P/1034218/US/UTL/1	US	9557478	31-Jan-2017
C/P/1034224/US/UTL/1	US	9606377	28-Mar-2017
C/P/1034232/US/UTL/1	US	9628186	18-Apr-2017
C/P/1034239/US/UTL/1	US	9625746	18-Apr-2017
C/P/1034205/US/UTL/1	US	9664853	30-May-2017
C/P/1034245/US/UTL/1	US	9671559	06-Jun-2017
C/P/1034223/US/UTL/1	US	9680567	13-Jun-2017
C/P/1034211/US/UTL/1	US	9703038	11-Jul-2017
C/P/1034216/US/UTL/1	US	9716552	25-Jul-2017
C/P/1034229/US/UTL/1	US	9726840	08-Aug-2017
C/P/1034206/US/UTL/1	US	9766410	19-Sep-2017
C/P/1034221/US/UTL/1	US	9768884	19-Sep-2017
C/P/1034262/US/CON/1	US	9806839	31-Oct-2017
C/P/1034248/US/UTL/1	US	9817249	14-Nov-2017
C/P/1034210/US/UTL/1	US	9823496	21-Nov-2017
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C/P/1034247/US/UTL/1	US	9847833	19-Dec-2017
C/P/1034246/US/UTL/1	US	9853737	26-Dec-2017
C/P/1034225/US/UTL/1	US	9874688	23-Jan-2018
C/P/1034240/US/UTL/1	US	9922887	20-Mar-2018
C/P/1034242/US/UTL/1	US	9939666	10-Apr-2018
C/P/1034242/US/CON/1	US	9977269	22-May-2018
C/P/1034239/US/CON/1	US	9989787	05-Jun-2018
C/P/1034226/US/UTL/1	US	10009106	26-Jun-2018

EXECUTION COPY

CIPOL RECORD	COUNTRY	PATENT NO.	DATE ISSUED
C/P/1034236/US/UTL/1	US	10031292	24-Jul-2018
C/P/1034203/US/UTL/1	US	10042128	07-Aug-2018
C/P/1034204/US/CON/1	US	10079472	18-Sep-2018
C/P/1034208/US/UTL/1	US	10078232	18-Sep-2018
C/P/1034265/US/ORG/1	US	10088733	02-Oct-2018
C/P/1034209/US/UTL/1	US	10097271	09-Oct-2018
C/P/1034263/US/UTL/1	US	10133142	20-Nov-2018
C/P/1034227/US/CON/1	US	10168476	01-Jan-2019
C/P/1034354/US/CON/1	US	10180546	15-Jan-2019
C/P/1034268/US/UTL/1	US	10201026	05-Feb-2019
C/P/1034211/US/CON/1	US	10203453	12-Feb-2019
C/P/1034299/US/ORG/1	US	10209539	19-Feb-2019
C/P/1034235/US/UTL/1	US	10222566	05-Mar-2019
C/P/1034266/US/UTL/1	US	10241268	26-Mar-2019
C/P/1034275/US/UTL/1	US	10263385	16-Apr-2019
C/P/1034299/US/CON/1	US	10268055	23-Apr-2019
C/P/1034243/US/UTL/1	US	10284300	07-May-2019
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C/P/1034283/US/UTL/1	US	10326634	18-Jun-2019
C/P/1034270/US/UTL/1	US	10345525	09-Jul-2019
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C/P/1034269/US/UTL/1	US	10416380	17-Sep-2019
C/P/1034281/US/UTL/1	US	10416381	17-Sep-2019
C/P/1034223/US/CON/2	US	10425154	24-Sep-2019
C/P/1034309/US/UTL/1	US	10425109	24-Sep-2019
C/P/1034268/US/CON/1	US	10440759	08-Oct-2019
C/P/1034204/US/CON/2	US	10468851	05-Nov-2019
C/P/1034231/US/UTL/1	US	10488682	26-Nov-2019
C/P/1034286/US/UTL/1	US	10488683	26-Nov-2019
C/P/1034308/US/UTL/1	US	10505676	10-Dec-2019
C/P/1034240/US/CON/1	US	10535571	14-Jan-2020
C/P/1034243/US/CON/1	US	10536219	14-Jan-2020
C/P/1034285/US/ORG/1	US	10554014	04-Feb-2020
C/P/1034304/US/UTL/1	US	10567209	18-Feb-2020
C/P/1034282/US/UTL/1	US	10571633	25-Feb-2020
C/P/1034225/US/CON/1	US	10578799	03-Mar-2020
C/P/1034226/US/CON/2	US	10623102	14-Apr-2020
C/P/1034295/US/UTL/1	US	10637578	28-Apr-2020
C/P/1034305/US/UTL/1	US	10673161	02-Jun-2020
C/P/1034285/US/CIP/1	US	10714894	14-Jul-2020
C/P/1034309/US/CON/1	US	10784897	22-Sep-2020
C/P/1034271/US/UTL/1	US	10797462	06-Oct-2020
C/P/1034268/US/CON/2	US	10798756	06-Oct-2020
C/P/1034222/US/UTL/2	US	10816723	27-Oct-2020
C/P/1034325/US/UTL/1	US	10819438	27-Oct-2020
C/P/1034283/US/CON/1	US	10833911	10-Nov-2020

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CIPOL RECORD	COUNTRY	PATENT NO.	DATE ISSUED
C/P/1034275/US/CON/1	US	10833472	10-Nov-2020
C/P/1034286/US/CON/1	US	10831044	10-Nov-2020
C/P/1034226/US/CON/3	US	10841011	17-Nov-2020
C/P/1034308/US/CON/1	US	10840948	17-Nov-2020
C/P/1034234/US/UTL/1	US	10852492	01-Dec-2020
C/P/1034321/US/CON/1	US	10880019	29-Dec-2020
C/P/1034270/US/DIV/1	US	10895690	19-Jan-2021
C/P/1034295/US/CON/1	US	10958353	23-Mar-2021
C/P/1034240/US/CON/2	US	10964605	30-Mar-2021
C/P/1034311/US/UTL/1	US	10979209	13-Apr-2021
C/P/1034305/US/CON/1	US	11050175	29-Jun-2021
C/P/1034267/US/ORG/1	US	11057114	06-Jul-2021
C/P/1034294/US/ORG/1	US	11063406	13-Jul-2021
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C/P/1034309/US/CON/2	US	11190216	30-Nov-2021
C/P/1034282/US/DIV/1	US	11221447	11-Jan-2022
C/P/1034325/US/CON/1	US	11228373	18-Jan-2022
C/P/1034330/US/UTL/1	US	11239919	01-Feb-2022
C/P/1034328/US/UTL/1	US	11265084	01-Mar-2022
C/P/1034286/US/CON/2	US	11287676	29-Mar-2022
C/P/1034295/US/CON/2	US	11296795	05-Apr-2022
C/P/1034296/US/UTL/1	US	11294061	05-Apr-2022
C/P/1034280/US/CON/1	US	11353666	07-Jun-2022
C/P/1034226/US/CON/4	US	11362735	14-Jun-2022
C/P/1034233/US/UTL/1	US	11360278	14-Jun-2022
C/P/1034204/US/CON/3	US	11387626	12-Jul-2022
C/P/1034342/US/ORG/1	US	11394490	19-Jul-2022
C/P/1034308/US/CON/2	US	11398840	26-Jul-2022
C/P/1034222/US/CON/2	US	11409035	09-Aug-2022
C/P/1034234/US/CON/1	US	11409059	09-Aug-2022
C/P/1034285/US/CON/1	US	11411371	09-Aug-2022
C/P/1034311/US/CON/1	US	11418313	16-Aug-2022
C/P/1034339/US/UTL/1	US	11432056	30-Aug-2022
C/P/1034296/US/ORG/1	US	11448823	20-Sep-2022
C/P/1034268/US/CON/3	US	11483879	25-Oct-2022
C/P/1034315/US/UTL/1	US	11543850	03-Jan-2023
C/P/1034292/US/ORG/1	US	11552710	10-Jan-2023
C/P/1034293/US/ORG/1	US	11556020	17-Jan-2023
C/P/1034320/US/UTL/1	US	11563428	24-Jan-2023
C/P/1034349/US/ORG/1	US	11563136	24-Jan-2023
C/P/1034313/US/ORG/1	US	11599140	07-Mar-2023
C/P/1034338/US/UTL/1	US	11606156	14-Mar-2023
C/P/1034275/US/CON/2	US	11621536	04-Apr-2023
C/P/1034328/US/CON/1	US	11621781	04-Apr-2023
C/P/1034241/US/CON/1	US	11650477	16-May-2023

CIPOL RECORD	COUNTRY	PATENT NO.	DATE ISSUED
C/P/1034321/US/CON/2	US	11695485	04-Jul-2023
C/P/1034316/US/CON/1	US	11698658	11-Jul-2023

U.S. PATENT APPLICATIONS

CIPOL RECORD	COUNTRY	APPLICATION NO.	FILING DATE
C/P/1034223/US/PRV/1	US	61/448,835	03-Mar-2011
C/P/1034250/US/PRV/1	US	61/448,873	03-Mar-2011
C/P/1034214/US/PRV/1	US	61/449,812	07-Mar-2011
C/P/1034251/US/PRV/1	US	61/449,803	07-Mar-2011
C/P/1034252/US/PRV/1	US	61/449,822	07-Mar-2011
C/P/1034261/US/PRV/1	US	61/449,779	07-Mar-2011
C/P/1034253/US/PRV/1	US	61/532,231	08-Sep-2011
C/P/1034222/US/PRV/1	US	61/582,387	01-Jan-2012
C/P/1034224/US/PRV/1	US	61/582,388	01-Jan-2012
C/P/1034254/US/PRV/1	US	61/582,389	01-Jan-2012
C/P/1034214/US/UTL/1	US	13/413,873	07-Mar-2012
C/P/1034213/US/PRV/1	US	61/638,647	26-Apr-2012
C/P/1034222/US/PRV/2	US	61/638,651	26-Apr-2012
C/P/1034222/US/PRV/3	US	61/638,656	26-Apr-2012
C/P/1034225/US/PRV/1	US	61/638,658	26-Apr-2012
C/P/1034255/US/PRV/1	US	61/638,660	26-Apr-2012
C/P/1034226/US/PRV/1	US	61/646,517	14-May-2012
C/P/1034217/US/PRV/1	US	61/664,609	26-Jun-2012
C/P/1034227/US/PRV/1	US	61/664,614	26-Jun-2012
C/P/1034248/US/PRV/1	US	61/664,618	26-Jun-2012
C/P/1034218/US/PRV/1	US	61/694,152	28-Aug-2012
C/P/1034221/US/PRV/1	US	61/715,215	17-Oct-2012
C/P/1034219/US/PRV/1	US	61/715,514	18-Oct-2012
C/P/1034262/US/PRV/1	US	61/722,223	04-Nov-2012
C/P/1034220/US/PRV/1	US	61/735,721	11-Dec-2012
C/P/1034239/US/PRV/1	US	61/735,696	11-Dec-2012
C/P/1034240/US/PRV/1	US	61/735,702	11-Dec-2012
C/P/1034241/US/PRV/1	US	61/735,710	11-Dec-2012
C/P/1034245/US/PRV/1	US	61/735,728	11-Dec-2012
C/P/1034259/US/PRV/1	US	61/735,691	11-Dec-2012
C/P/1034260/US/PRV/1	US	61/793,705	15-Mar-2013
C/P/1034229/US/PRV/1	US	61/832,009	06-Jun-2013
C/P/1034230/US/PRV/1	US	61/832,014	06-Jun-2013
C/P/1034242/US/PRV/1	US	61/832,017	06-Jun-2013
C/P/1034243/US/PRV/1	US	61/832,022	06-Jun-2013
C/P/1034217/US/ORG/1	US	13/928,014	26-Jun-2013

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CIPOL RECORD	COUNTRY	APPLICATION NO.	FILING DATE
C/P/1034212/US/PRV/1	US	61/872,660	31-Aug-2013
C/P/1034215/US/PRV/1	US	61/872,659	31-Aug-2013
C/P/1034231/US/PRV/1	US	61/872,658	31-Aug-2013
C/P/1034244/US/PRV/1	US	61/877,677	13-Sep-2013
C/P/1034232/US/PRV/1	US	61/902,566	11-Nov-2013
C/P/1034220/US/UTL/1	US	14/103,674	11-Dec-2013
C/P/1034241/US/UTL/1	US	14/103,666	11-Dec-2013
C/P/1034246/US/PRV/1	US	61/936,061	05-Feb-2014
C/P/1034230/US/UTL/1	US	14/298,856	06-Jun-2014
C/P/1034247/US/PRV/1	US	62/011,028	12-Jun-2014
C/P/1034204/US/PRV/1	US	62/023,483	11-Jul-2014
C/P/1034205/US/PRV/1	US	62/023,487	11-Jul-2014
C/P/1034206/US/PRV/1	US	62/023,498	11-Jul-2014
C/P/1034207/US/PRV/1	US	62/023,498	11-Jul-2014
C/P/1034208/US/PRV/1	US	62/023,502	11-Jul-2014
C/P/1034209/US/PRV/1	US	62/023,505	11-Jul-2014
C/P/1034210/US/PRV/1	US	62/023,523	11-Jul-2014
C/P/1034211/US/PRV/1	US	62/023,529	11-Jul-2014
C/P/1034257/US/PRV/1	US	62/023,512	11-Jul-2014
C/P/1034258/US/PRV/1	US	62/023,519	11-Jul-2014
C/P/1034244/US/UTL/1	US	14/486,388	15-Sep-2014
C/P/1034233/US/PRV/1	US	62/069,877	29-Oct-2014
C/P/1034234/US/PRV/1	US	62/069,879	29-Oct-2014
C/P/1034235/US/PRV/1	US	62/100,980	08-Jan-2015
C/P/1034236/US/PRV/1	US	62/101,046	08-Jan-2015
C/P/1034237/US/PRV/1	US	62/101,049	08-Jan-2015
C/P/1034238/US/PRV/1	US	62/133,515	16-Mar-2015
C/P/1034222/US/CON/1	US	14/921,532	23-Oct-2015
C/P/1034263/US/PRV/1	US	62/314,674	29-Mar-2016
C/P/1034264/US/PRV/1	US	62/316,079	31-Mar-2016
C/P/1034266/US/PRV/1	US	62/320,418	08-Apr-2016
C/P/1034203/US/PRV/1	US	62/351,386	17-Jun-2016
C/P/1034269/US/PRV/1	US	62/353,959	23-Jun-2016
C/P/1034271/US/PRV/1	US	62/355,800	28-Jun-2016
C/P/1034268/US/PRV/1	US	62/356,722	30-Jun-2016
C/P/1034270/US/PRV/1	US	62/357,221	30-Jun-2016
C/P/1034268/US/PRV/2	US	62/394,049	13-Sep-2016
C/P/1034273/US/PRV/1	US	62/402,998	30-Sep-2016
C/P/1034275/US/PRV/1	US	62/437,141	21-Dec-2016
C/P/1034276/US/PRV/1	US	62/437,399	21-Dec-2016
C/P/1034277/US/PRV/1	US	62/437,557	21-Dec-2016
C/P/1034279/US/PRV/1	US	62/437,586	21-Dec-2016

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CIPOL RECORD	COUNTRY	APPLICATION NO.	FILING DATE
C/P/1034280/US/PRV/1	US	62/437,628	21-Dec-2016
C/P/1034282/US/PRV/1	US	62/438,554	23-Dec-2016
C/P/1034281/US/PRV/1	US	62/438,564	23-Dec-2016
C/P/1034282/US/PRV/2	US	62/438,574	23-Dec-2016
C/P/1034272/US/PRV/1	US	62/444,957	11-Jan-2017
C/P/1034283/US/PRV/1	US	62/456,411	08-Feb-2017
C/P/1034284/US/PRV/1	US	62/457,750	10-Feb-2017
C/P/1034286/US/PRV/1	US	62/467,788	06-Mar-2017
C/P/1034285/US/PRV/1	US	62/477,513	28-Mar-2017
C/P/1034272/US/UTL/1	US	15/581,693	28-Apr-2017
C/P/1034295/US/PRV/1	US	62/546,894	17-Aug-2017
C/P/1034296/US/PRV/1	US	62/547,714	18-Aug-2017
C/P/1034298/US/PRV/1	US	62/561,094	20-Sep-2017
C/P/1034273/US/UTL/1	US	15/719,927	29-Sep-2017
C/P/1034300/US/ORG/1	US	15/857,810	29-Dec-2017
C/P/1034284/US/UTL/1	US	15/893,118	09-Feb-2018
C/P/1034304/US/PRV/1	US	62/642,557	13-Mar-2018
C/P/1034305/US/PRV/1	US	62/661,547	23-Apr-2018
C/P/1034308/US/PRV/1	US	62/717,770	10-Aug-2018
C/P/1034296/US/UTL/2	US	16/104,869	17-Aug-2018
C/P/1034272/US/CON/1	US	16/124,146	06-Sep-2018
C/P/1034298/US/UTL/1	US	16/135,755	19-Sep-2018
C/P/1034310/US/PRV/1	US	62/742,481	08-Oct-2018
C/P/1034311/US/PRV/1	US	62/742,886	08-Oct-2018
C/P/1034311/US/PRV/2	US	62/744,509	11-Oct-2018
C/P/1034311/US/PRV/3	US	62/751,062	26-Oct-2018
C/P/1034310/US/UTL/1	US	16/191,848	15-Nov-2018
C/P/1034321/US/PRV/1	US	62/782,793	20-Dec-2018
C/P/1034325/US/PRV/1	US	62/782,490	20-Dec-2018
C/P/1034328/US/PRV/1	US	62/782,790	20-Dec-2018
C/P/1034329/US/PRV/1	US	62/782,891	20-Dec-2018
C/P/1034330/US/PRV/1	US	62/782,884	20-Dec-2018
C/P/1034331/US/PRV/1	US	62/782,953	20-Dec-2018
C/P/1034306/US/PRV/1	US	62/783,702	21-Dec-2018
C/P/1034306/US/PRV/2	US	62/788,389	04-Jan-2019
C/P/1034321/US/UTL/1	US	16/285,654	26-Feb-2019
C/P/1034334/US/PRV/1	US	62/812,332	01-Mar-2019
C/P/1034306/US/PRV/3	US	62/825,953	29-Mar-2019
C/P/1034338/US/PRV/1	US	62/838,859	25-Apr-2019
C/P/1034272/US/CON/2	US	16/449,321	21-Jun-2019
C/P/1034306/US/UTL/1	US	16/456,582	28-Jun-2019
C/P/1034339/US/PRV/1	US	62/879,095	26-Jul-2019

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CIPOL RECORD	COUNTRY	APPLICATION NO.	FILING DATE
C/P/1034340/US/PRV/1	US	62/884,435	08-Aug-2019
C/P/1034273/US/CON/1	US	16/547,716	22-Aug-2019
C/P/1034284/US/CON/1	US	16/561,752	05-Sep-2019
C/P/1034332/US/ORG/1	US	16/564,044	09-Sep-2019
C/P/1034337/US/PRV/1	US	62/898,108	10-Sep-2019
C/P/1034341/US/PRV/1	US	62/903,996	23-Sep-2019
C/P/1034343/US/PRV/1	US	62/915,377	15-Oct-2019
C/P/1034344/US/PRV/1	US	62/923,952	21-Oct-2019
C/P/1034345/US/PRV/1	US	62/924,492	22-Oct-2019
C/P/1034333/US/ORG/1	US	16/685,063	15-Nov-2019
C/P/1034315/US/PRV/1	US	62/950,612	19-Dec-2019
C/P/1034243/US/CON/2	US	16/741,092	13-Jan-2020
C/P/1034348/US/PRV/1	US	62/966,611	28-Jan-2020
C/P/1034304/US/CON/1	US	16/788,759	12-Feb-2020
C/P/1034314/US/PRV/1	US	62/979,137	20-Feb-2020
C/P/1034316/US/PRV/1	US	62/979,275	20-Feb-2020
C/P/1034318/US/PRV/1	US	62/979,166	20-Feb-2020
C/P/1034320/US/PRV/1	US	62/979,140	20-Feb-2020
C/P/1034225/US/CON/2	US	16/801,789	26-Feb-2020
C/P/1034314/US/UTL/1	US	16/836,267	31-Mar-2020
C/P/1034336/US/ORG/1	US	16/836,274	31-Mar-2020
C/P/1034343/US/UTL/1	US	16/915,315	29-Jun-2020
C/P/1034346/US/PRV/1	US	63/046,799	01-Jul-2020
C/P/1034326/US/PRV/1	US	63/050,440	10-Jul-2020
C/P/10342845/US/CON/2	US	16/927,502	13-Jul-2020
C/P/1034291/US/ORG/1	US	16/937,334	23-Jul-2020
C/P/1034353/US/PRV/1	US	63/074,258	03-Sep-2020
C/P/1034358/US/PRV/1	US	63/074,137	03-Sep-2020
C/P/1034337/US/UTL/1	US	17/017,532	10-Sep-2020
C/P/1034271/US/CON/1	US	17/063,448	05-Oct-2020
C/P/1034352/US/ORG/1	US	17/071,634	15-Oct-2020
C/P/1034310/US/CON/1	US	17/075,291	20-Oct-2020
C/P/1034359/US/PRV/1	US	63/116,498	20-Nov-2020
C/P/1034287/US/PRV/1	US	63/131,687	29-Dec-2020
C/P/1034288/US/PRV/1	US	63/131,623	29-Dec-2020
C/P/1034289/US/PRV/1	US	63/131,673	29-Dec-2020
C/P/1034290/US/PRV/1	US	63/131,667	29-Dec-2020
C/P/1034348/US/UTL/1	US	17/161,200	28-Jan-2021
C/P/1034316/US/UTL/1	US	17/179,229	18-Feb-2021
C/P/1034318/US/UTL/1	US	17/179,527	19-Feb-2021
C/P/1034318/US/UTL/2	US	17/179,528	19-Feb-2021
C/P/1034350/US/ORG/1	US	17/185,419	25-Feb-2021

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CIPOL RECORD	COUNTRY	APPLICATION NO.	FILING DATE
C/P/1034355/US/ORG/1	US	17/185,455	25-Feb-2021
C/P/1034356/US/ORG/1	US	17/185,472	25-Feb-2021
C/P/1034357/US/ORG/1	US	17/186,606	26-Feb-2021
C/P/1034358/US/UTL/1	US	17/186,638	26-Feb-2021
C/P/1034335/US/PRV/1	US	63/157,614	05-Mar-2021
C/P/1034351/US/PRV/1	US	63/163,185	19-Mar-2021
C/P/1034346/US/UTL/1	US	17/363,882	30-Jun-2021
C/P/1034326/US/UTL/1	US	17/373,576	12-Jul-2021
C/P/1034314/US/CON/1	US	17/373,884	13-Jul-2021
C/P/1035518/US/ORG/1	US	17/393,102	03-Aug-2021
C/P/1035519/US/ORG/1	US	17/407,556	20-Aug-2021
C/P/1035520/US/ORG/1	US	17/411,656	25-Aug-2021
C/P/1034353/US/UTL/1	US	17/467,053	03-Sep-2021
C/P/1035517/US/PRV/1	US	63/243,615	13-Sep-2021
C/P/1034359/US/UTL/1	US	17/531,733	20-Nov-2021
C/P/1034287/US/UTL/1	US	17/554,170	17-Dec-2021
C/P/1034288/US/UTL/1	US	17/554,194	17-Dec-2021
C/P/1034289/US/UTL/1	US	17/554,202	17-Dec-2021
C/P/1034290/US/UTL/1	US	17/554,209	17-Dec-2021
C/P/1034330/US/CON/1	US	17/558,873	22-Dec-2021
C/P/1036759/US/ORG/1	US	17/581,700	21-Jan-2022
C/P/1036761/US/ORG/1	US	17/581,483	21-Jan-2022
C/P/1036760/US/ORG/1	US	17/587,916	28-Jan-2022
C/P/1036758/US/PRV/1	US	63/314,158	25-Feb-2022
C/P/1034335/US/UTL/1	US	17/687,071	04-Mar-2022
C/P/1034296/US/CON/1	US	17/712,264	04-Apr-2022
C/P/1034233/US/DIV/1	US	17/832,140	03-Jun-2022
C/P/1034280/US/DIV/1	US	17/833,299	06-Jun-2022
C/P/1034342/US/CON/1	US	17/866,825	18-Jul-2022
C/P/1034318/US/CON/1	US	17/869,101	20-Jul-2022
C/P/1036761/US/PRV/1	US	63/390,965	20-Jul-2022
C/P/1036761/US/PRV/2	US	63/391,113	21-Jul-2022
C/P/1038482/US/PRV/1	US	63/391,394	22-Jul-2022
C/P/1038486/US/PRV/1	US	63/398,216	15-Aug-2022
C/P/1034339/US/CON/1	US	17/896,668	26-Aug-2022
C/P/1034306/US/CON/1	US	17/939,857	07-Sep-2022
C/P/1035517/US/UTL/1	US	17/943,597	13-Sep-2022
C/P/1034355/US/CON/1	US	17/943,768	13-Sep-2022
C/P/1034296/US/CON/2	US	17/946,105	16-Sep-2022
C/P/1034357/US/CON/1	US	17/966,198	14-Oct-2022
C/P/1034268/US/CON/4	US	17/972,176	24-Oct-2022
C/P/1034292/US/CON/1	US	18/094,205	06-Jan-2023

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CIPOL RECORD	COUNTRY	APPLICATION NO.	FILING DATE
C/P/1034293/US/CON/1	US	18/096,716	13-Jan-2023
C/P/1034349/US/CON/1	US	18/099,462	20-Jan-2023
C/P/1036758/US/UTL/1	US	18/106,047	06-Feb-2023
C/P/1034275/US/CON/3	US	18/129,645	31-Mar-2023
C/P/1034328/US/CON/2	US	18/129,588	31-Mar-2023
C/P/1034241/US/CON/2	US	18/137,632	21-Apr-2023
C/P/1034321/US/CON/3	US	18/205,252	02-Jun-2023
C/P/1034348/US/CON/1	US	18/343,815	29-Jun-2023
C/P/1034316/US/CON/2	US	18/343,841	29-Jun-2023
C/P/1040564/US/PRV/1	US	63/525,325	06-Jul-2023
C/P/1034250/WO/SEC/1	WO	PCT/US2012/027628	03-Mar-2012
C/P/1034214/WO/SEC/1	WO	PCT/US2012/028014	07-Mar-2012
C/P/1034251/WO/SEC/1	WO	PCT/US2012/028043	07-Mar-2012
C/P/1034252/WO/SEC/1	WO	PCT/US2012/028038	07-Mar-2012
C/P/1034204/WO/SEC/1	WO	PCT/US2015/039949	10-Jul-2015
C/P/1034205/WO/SEC/1	WO	PCT/US2015/039987	10-Jul-2015
C/P/1034209/WO/SEC/1	WO	PCT/US2015/039963	10-Jul-2015
C/P/1034233/WO/SEC/1	WO	PCT/US2015/058070	29-Oct-2015
C/P/1034236/WO/SEC/1	WO	PCT/US2016/012657	08-Jan-2016
C/P/1034237/WO/SEC/1	WO	PCT/US2016/012754	08-Jan-2016
C/P/1034266/WO/SEC/1	WO	PCT/US2017/026572	07-Apr-2017
C//P/1034265/WO/SEC/1	WO	PCT/US2017/038489	21-Jun-2017
C/P/1034267/WO/SEC/1	WO	PCT/US2017/038519	21-Jun-2017
C/P/1034270/WO/SEC/1	WO	PCT/US2017/040274	30-Jun-2017
C/P/1034277/WO/SEC/1	WO	PCT/US2017/067948	21-Dec-2017
C/P/1034280/WO/SEC/1	WO	PCT/US2017/067889	21-Dec-2017
C/P/1034283/WO/SEC/1	WO	PCT/US2018/017374	08-Feb-2018
C/P/1034294/WO/SEC/1	WO	PCT/US2021/035587	03-Jun-2021
C/P/1034326/WO/SEC/1	WO	PCT/US2021/041322	12-Jul-2021
C/P/1034349/WO/SEC/1	WO	PCT/US2021/041615	14-Jul-2021
C/P/1034291/WO/SEC/1	WO	PCT/US2021/042571	21-Jul-2021
C/P/1034292/WO/SEC/1	WO	PCT/US2021/046085	16-Aug-2021
C/P/1034358/WO/SEC/1	WO	PCT/US2021/046831	20-Aug-2021
C/P/1035519/WO/SEC/1	WO	PCT/US2022/040972	20-Aug-2022

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CIPOL RECORD	COUNTRY	PATENT NO.	ISSUE DATE
C/P/1034204/CN/PCT/1	CN	ZL201580037516 6	27-Aug-2019
C/P/1034204/CN/DIV/1	CN	110492350	20-Jul-2021
C/P/1034209/CN/PCT/1	CN	ZL201580037517 0	15-May-2020

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CIPOL RECORD	COUNTRY	PATENT NO.	ISSUE DATE
C/P/1034233/CN/PCT/1	CN	ZL201580058219 X	07-Aug-2020
C/P/1034236/CN/PCT/1	CN	ZL201680005429 7	22-Sep-2020
C/P/1034237/CN/PCT/1	CN	ZL201680012254 2	13-Sep-2019
C/P/1034237/CN/DIV/1	CN	ZL201910758458 6	21-Sep-2021
C/P/1034354/CN/PCT/1	CN	ZL201580066559 7	03-Sep-2019
C/P/1034354/CN/DIV/1	CN	110646895	28-Dec-2021
C/P/1034265/DE/PCT/1	DE	3497516	27-Oct-2021
C/P/1034308/DE/EPV/1	DE	3609080	01-Mar-2023
C/P/1034265/EP/PCT/1	EP	3497516	27-Oct-2021
C/P/1034308/EP/PCT/1	EP	3609080	01-Mar-2023
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C/P/1034308/FR/EPV/1	FR	3609080	01-Mar-2023
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C/P/1034308/GB/EPV/1	GB	3609080	01-Mar-2023
C/P/1034354/JP/SEC/1	JP	JP6170527B	07-Jul-2017
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C/P/1034233/SG/SEC/1	SG	11201703131W	27-Jun-2018
C/P/1034236/SG/PCT/1	SG	11201705526R	26-Oct-2020
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C/P/1034237/SG/PCT/2	SG	10201805224X	22-Oct-2019

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CIPOL RECORD	COUNTRY	APPLICATION NO.	FILING DATE
C/P/1034204/DE/PCT/1	DE	DE112015003234 7	10-Jul-2015
C/P/1034209/DE/PCT/1	DE	DE112015003231 2	10-Jul-2015
C/P/1034233/DE/PCT/1	DE	DE112015004963 0	29-Oct-2015
C/P/1034236/DE/PCT/1	DE	DE112016000309 9	08-Jan-2016
C/P/1034237/DE/PCT/1	DE	DE112016000295 5	08-Jan-2016
C/P/1034268/EP/PCT/1	EP	EP18213428 8	18-Dec-2018
C/P/1034283/EP/PCT/1	EP	EP18706614 7	03-Sep-2019
C/P/1034291/EP/PCT/1	EP	EP21755205 8	16-Feb-2023
C/P/1034294/EP/PCT/1	EP	EP21735542 9	21-Dec-2022
C/P/1034308/EP/DIV/1	EP	EP23156803 1	10-Jan-2019
C/P/1034309/EP/PCT/1	EP	EP19151231 8	10-Jan-2019
C/P/1034326/EP/PCT/1	EP	EP21752308 3	10-Feb-2023
C/P/1034328/EP/PCT/1	EP	EP19192792 0	21-Aug-2019
C/P/1034330/EP/PCT/1	EP	EP19214830.2	10-Dec-2019
C/P/1034349/EP/PCT/1	EP	EP21752340 6	13-Feb-2023
C/P/1034358/EP/PCT/1	EP	EP21772873 2	22-Mar-2023
C/P/1034354/JP/SEC/2	JP	JP2015-250459	22-Dec-2015

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C/P/1034209/SG/PCT/1	SG	11201610658U	10-Jul-2015
C/P/1034233/SG/SEC/2	SG	10201805058V	29-Oct-2015
C/P/1034204/TH/PCT/1	TH	1701000119	10-Jul-2015
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C/P/1034233/TH/PCT/1	TH	1701002414	29-Oct-2015
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