PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7853403

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF PATENT SECURITY INTEREST - JUNIOR INDENTURE - REEL/FRAME - 061767/0154

CONVEYING PARTY DATA

Name	Execution Date
WILMINGTON SAVINGS FUND SOCIETY, FSB, AS COLLATERAL AGENT	03/14/2023

RECEIVING PARTY DATA

Name:	ROCKLEY PHOTONICS LIMITED
Street Address:	1 ASHLEY ROAD
Internal Address:	3RD FLOOR
City:	ALTRINCHAM, CHESHIRE
State/Country:	UNITED KINGDOM
Postal Code:	WA14 2DT

PROPERTY NUMBERS Total: 10

Property Type	Number
Application Number:	17909344
Application Number:	17911111
Application Number:	17938282
Application Number:	17938328
Application Number:	17937444
Application Number:	63377693
Application Number:	63378044
Application Number:	63380361
Application Number:	63379282
Application Number:	63413181

CORRESPONDENCE DATA

Fax Number: (214)981-3400

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: 2149813345
Email: lggrau@sidley.com
Correspondent Name: LAUREN G. GRAU
Address Line 1: 2021 MCKINNEY AVE, SUITE 2000
Address Line 4: DALLAS, TEXAS 75201

ATTORNEY DOCKET NUMBER:	069548-30270
NAME OF SUBMITTER:	LAUREN G. GRAU
SIGNATURE:	/s/ Lauren G. Grau
DATE SIGNED:	03/19/2023

Total Attachments: 63

source=Release of Security Interest in IP Collateral (US) (Executed)#page1.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page2.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page3.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page4.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page5.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page6.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page7.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page8.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page9.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page10.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page11.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page12.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page13.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page14.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page15.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page16.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page17.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page18.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page19.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page20.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page21.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page22.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page23.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page24.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page25.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page26.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page27.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page28.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page29.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page30.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page31.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page32.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page33.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page34.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page35.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page36.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page37.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page38.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page39.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page40.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page41.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page42.tif

source=Release of Security Interest in IP Collateral (US) (Executed)#page43.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page44.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page45.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page46.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page47.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page48.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page49.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page50.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page51.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page52.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page53.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page54.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page55.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page56.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page57.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page58.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page59.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page60.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page61.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page62.tif
source=Release of Security Interest in IP Collateral (US) (Executed)#page63.tif

RELEASE OF SECURITY INTEREST
IN INTELLECTUAL PROPERTY COLLATERAL

THIS RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL (this "Release"), dated as of March 14, 2023, is made by Wilmington Savings Fund Society, FSB, ("WSFS") as Collateral Agent (in such capacity, the "Collateral Agent") for the Secured Parties (as defined in the IP Security Agreements referred to below), in favor of the grantor listed on Annex I (the "Grantor"), as follows:

WITNESSETH:

WHEREAS, Rockley Photonics Holdings Limited, an exempted company incorporated in the Cayman Islands (the "Issuer"), the guarantors from time to time party thereto, and the Collateral Agent (in such capacities, the "Junior Trustee") entered into that certain Indenture, dated May 27, 2022 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Original Indenture") pursuant to which the Issuer issued senior secured convertible notes in accordance with the terms of the Junior Indenture (as defined below) (such notes, as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Junior Notes");

WHEREAS, the Original Indenture was amended by (i) the First Supplemental Indenture, dated as of August 4, 2022 (the "First Supplemental Indenture"), between the Issuer and the Junior Trustee, (ii) the Second Supplemental Indenture, dated as of September 30, 2022, by and among the Issuer, the other grantors party thereto, and WSFS as trustee (the "Second Supplemental Indenture"), and (iii) the Fourth Supplemental Indenture, dated as of October 25, 2022, between the Issuer and the Junior Trustee (the "Fourth Supplemental Indenture" and, together with the Original Indenture, the First Supplemental Indenture, the Second Supplemental Indenture, and as may be further amended, restated, amended and restated, supplemented or otherwise modified from time to time (other than the Third Supplemental Indenture, dated as of September 30, 2022) (the "Junior Indenture");

WHEREAS, the Issuer, the guarantors from time to time party thereto, and WSFS, as trustee and collateral agent (in such capacities, the "Super Senior Trustee") entered into that certain Indenture, dated October 25, 2022 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Super Senior Indenture" and together with the Junior Indenture, the "Indentures") pursuant to which the Issuer issued senior secured convertible notes in accordance with the terms of the Super Senior Indenture (such notes, as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Super Senior Notes");

WHEREAS, the Issuer, the guarantors from time to time party thereto, WSFS, as Junior Trustee, WSFS, as Super Senior Trustee and WSFS as collateral agent for the benefit of itself and the other Secured Parties entered into that certain Collateral Agency and Intercreditor Agreement, dated October 25, 2022 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Intercreditor Agreement") pursuant to which the relative rights and priorities are set forth between the holders of the Junior Notes and Super Senior Notes;

WHEREAS, in connection with the Indentures, the Grantor entered into that certain UK Debenture dated May 27, 2022 (the "Original Debenture"), as amended and supplemented by (i) the Supplemental Debenture, dated as of October 3, 2022, between the Grantor, as Chargor and the Collateral Agent (the "First Supplemental Debenture") and (ii) the Second Supplemental Debenture, dated as of October 25, 2022, between the Grantor as Chargor and the Collateral Agent (the "Second Supplemental Debenture" and, together with the Original Debenture, the First Supplemental Debenture, and as may be further amended, restated, amended and restated, supplemented or otherwise modified from time to time, the

"Debenture"), the Original Debenture was a condition precedent to the issuance of the Junior Notes under the Junior Indenture and the Second Supplemental Debenture is a condition precedent to the issuance of Super Senior Notes under the Super Senior Indenture;

WHEREAS, under the terms of the Original Indenture, Indenture, Original Debenture, Debenture, Intercreditor Agreement and certain security interest acknowledgments Grantor granted to the Collateral Agent, for its benefit and the ratable benefit of the other Secured Parties, a security interest in, among other property, certain collateral owned by Grantor, including the IP Collateral (as hereinafter defined), and Grantor executed certain security interest acknowledgments described on Annex I attached hereto (the "IP Security Agreements"); and

WHEREAS, the Collateral Agent has been requested to terminate and release the IP Security Agreements and the entirety of its security interest in the IP Collateral, including as described on Annex II attached hereto.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and upon the terms set forth in this Release, the Collateral Agent hereby agrees as follows:

1. Definitions. The term "IP Collateral", as used herein, shall mean all of the Grantor's right, title or interest in, or to any and all of the Collateral, including the properties listed on Annex II attached hereto. Capitalized terms not defined herein have the meanings set forth in the IP Security Agreements, as applicable.

2. Release of Security Interest. The Collateral Agent, without recourse, representation or warranty and at the Grantor's sole cost and expense, hereby terminates the IP Security Agreements and terminates, cancels, releases, relinquishes and discharges, in its entirety, for the benefit of the Grantor, and their successors and assigns, its security interest in and to the IP Collateral and any and all right, title and interest of the Collateral Agent in and to the IP Collateral. The Collateral Agent hereby authorizes the Grantor and its successors, assigns or other legal representatives to file this Release with the United States Patent and Trademark Office (the "USPTO") at the sole expense of the Grantor, to evidence and effectuate the release and termination of the Collateral Agent's security interest in the IP Collateral.

3. Delivery by Facsimile. Delivery of an executed signature page to this Release by facsimile or electronic (including .pdf file) transmission shall be as effective as delivery of a manually signed counterpart of this Release. Electronic signatures will have the same force and effect as manual signatures.

4. Governing Law. THIS RELEASE AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HERETO SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned has executed this Release by its duly authorized officer as of the date first above written.

WILMINGTON SAVINGS FUND SOCIETY, FSB, as Collateral Agent

By: _____
Name: Rayé Goldsborough
Title: Vice President

ANNEX I

Security Interest Filings to be Released:

1. Acknowledgement of Patent Security Interest, dated as of May 27, 2022, by and between Rockley Photonics Limited (the "Grantor") in favor of Wilmington Savings Fund Society, FSB, as Collateral Agent (in such capacity, the "Collateral Agent") for the Secured Parties (as defined in the Junior Indenture and/or the Debenture, as applicable) and recorded with the United States Patent and Trademark Office on May 27, 2022 at Reel/Frame 060204/0749.

2. Acknowledgement of Trademark Security Interest, dated as of May 27, 2022, by and between Rockley Photonics Limited (the "Grantor") in favor of Wilmington Savings Fund Society, FSB, as Collateral Agent (in such capacity, the "Collateral Agent") for the Secured Parties (as defined in the Junior Indenture and/or the Debenture, as applicable) and recorded with the United States Patent and Trademark Office on May 27, 2022 at Reel/Frame 7736/0100.

3. Acknowledgement of Patent Security Interest, dated as of September 30, 2022, by and between Rockley Photonics Limited (the "Grantor") in favor of Wilmington Savings Fund Society, FSB, as Collateral Agent (in such capacity, the "Collateral Agent") for the Secured Parties (as defined in the Junior Indenture and/or the Debenture, as applicable) and recorded with the United States Patent and Trademark Office on October 4, 2022 at Reel/Frame 061604/0025.

4. Acknowledgement of Patent Security Interest, dated as of October 14, 2022, by and between Rockley Photonics Limited (the "Grantor") in favor of Wilmington Savings Fund Society, FSB, as Collateral Agent (in such capacity, the "Collateral Agent") for the Secured Parties (as defined in the Junior Indenture and/or the Debenture, as applicable) and recorded with the United States Patent and Trademark Office on October 15, 2022 at Reel/Frame 061435/0367.

5. Acknowledgement of Patent Security Interest, dated as of October 25, 2022, by and between Rockley Photonics Limited (the "Grantor") in favor of Wilmington Savings Fund Society, FSB, as Collateral Agent (in such capacity, the "Collateral Agent") for the Secured Parties (as defined in the Junior Indenture and/or the Debenture, as applicable) and recorded with the United States Patent and Trademark Office on October 25, 2022 at Reel/Frame 061767/0154.

6. Acknowledgement of Patent Security Interest, dated as of October 25, 2022, by and between Rockley Photonics Limited (the "Grantor") in favor of Wilmington Savings Fund Society, FSB, as Collateral Agent (in such capacity, the "Collateral Agent") for the Secured Parties (as defined in the Super Senior Indenture, Intercreditor Agreement and/or Debenture, as applicable) and recorded with the United States Patent and Trademark Office on October 25, 2022 at Reel/Frame 061768/0082.

7. Acknowledgement of Trademark Security Interest, dated as of October 25, 2022, by and between Rockley Photonics Limited (the "Grantor") in favor of Wilmington Savings Fund Society, FSB, as Collateral Agent (in such capacity, the "Collateral Agent") for the Secured

Parties (as defined in the Super Senior Indenture, Intercreditor Agreement and/or Debenture, as applicable) and recorded with the United States Patent and Trademark Office on October 25, 2022 at Reel/Frame 7876/0634.

ANNEX II

Acknowledgement of Patent Security Interest that was recorded with the United States Patent and Trademark Office on May 27, 2022 at Reel/Frame 060204/0749, as follows:

PATENTS

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT001US	TUNABLE SOI LASER	US	14601101	20-Jan-2015	2015-0207296	19-Jan-16	9240673
Rockley Photonics Limited	RPAT002US	TUNABLE SOI LASER	US	14601107	20-Jan-2015	2015-0207291	23-Feb-16	9270078
Rockley Photonics Limited	RPAT002US(C1)	TUNABLE SOI LASER	US	15042803	12-Feb-2016	2016-0164246	23-May-17	9660411
Rockley Photonics Limited	RPAT003US	DETECTOR REMODULATOR	US	14629922	24-Feb-2015	2015-0277157	6-Dec-16	9513498
Rockley Photonics Limited	RPAT003US(N2)	OPTOELECTRONIC DEVICE	US	15833990	06-Dec-2017	20180101082	5-Mar-19	10222677
Rockley Photonics Limited	RPAT005US	DETECTOR REMODULATOR AND OPTOELECTRONIC SWITCH	US	14827200	14-Aug-2015	2016-0080844	6-Sep-16	9438970
Rockley Photonics Limited	RPAT005US(C1)	DETECTOR REMODULATOR AND OPTOELECTRONIC SWITCH	US	15256321	02-Sep-2016	2016-0373843	30-May-17	9668037
Rockley Photonics Limited	RPAT006US	DETECTOR REMODULATOR AND OPTOELECTRONIC SWITCH	US	15120861	24-Feb-2015	2017-0078772	12-Mar-19	10231038
Rockley Photonics Limited	RPAT007US	OPTICAL BRIDGE	US	14868116	28-Sep-2015	20160091665	24-Jan-17	9551838

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT008US	OPTOELECTRONIC SWITCH	US	14639041	04-Mar-2015	2016-0091666	16-Aug-16	9417396
Rockley Photonics Limited	RPAT010US	WAVEGUIDE MODULATORS STRUCTURES	US	15555431	04-Mar-2016	2018-0046057-A1	29-Jan-19	10191350
Rockley Photonics Limited	RPAT010US(N1)	WAVEGUIDE MODULATOR STRUCTURES	US	15927943	21-Mar-2018	2018-0217469-A1	26-Feb-19	10216059
Rockley Photonics Limited	RPAT010US(N2)	WAVEGUIDE MODULATOR STRUCTURES	US	16231257	21-Dec-2018	20190146304	9-Jun-20	10678115
Rockley Photonics Limited	RPAT010US(N3)	WAVEGUIDE MODULATOR STRUCTURES	US	16550141	23-Aug-2019	20200124878	19-Oct-21	11150494
Rockley Photonics Limited	RPAT011US	OPTOELECTRONIC SWITCH	US	14715448	18-May-2015	2016-0094487	3-Oct-17	9781059
Rockley Photonics Limited	RPAT011US(C1)	OPTOELECTRONIC SWITCH	US	15696145	05-Sep-2017	2018-0063029	8-May-18	9967208
Rockley Photonics Limited	RPAT012US	ELECTRONIC/PHOTONIC CHIP INTEGRATION AND BONDING	US	14752476	26-Jun-2015	2016-0131862	17-Apr-18	9946042
Rockley Photonics Limited	RPAT012US(C1)	ELECTRONIC/PHOTONIC CHIP INTEGRATION AND BONDING	US	15914981	07-Mar-2018	2018-0196210	23-Jul-19	10359588
Rockley Photonics Limited	RPAT013US	INTERPOSER BEAM EXPANDER CHIP	US	14789489	01-Jul-2015	2017-0003450	11-Jun-19	10317620
Rockley Photonics Limited	RPAT014US	BURST-MODE RECEIVER	US	14813081	29-Jul-2015	2017-0034607	11-Apr-17	9621972

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT015US	OPTOELECTRONIC SWITCH	US	15317897	29-Sep-2016	2017-0289652	24-Jul-18	10034069
Rockley Photonics Limited	RPAT016US	SYSTEM AND METHOD FOR ROUTING	US	15279267	28-Sep-2016	2017-0093717	12-Feb-19	10205664
Rockley Photonics Limited	RPAT017US(N1)	DISCRETE WAVELENGTH TUNABLE LASER	US	15488400	14-Apr-2017	2017-0222398	12-Jun-18	9997890
Rockley Photonics Limited	RPAT018US	OPTOELECTRONIC COMPONENT	US	15321723	10-Nov-2016	2017-0299902	23-Mar-21	10955692
Rockley Photonics Limited	RPAT183WO	FACET BASED ON CUSTOM BEND	WIPO	PCTEP2022055486	03-Mar-2022	WO2022/184868 A1	-	-
Rockley Photonics Limited	RPAT019US	OPTOELECTRONIC SWITCH	US	15072314	16-Mar-2016	2017-0041691	11-Jul-17	9706276
Rockley Photonics Limited	RPAT019US(C1)	OPTOELECTRONIC SWITCH	US	15644710	07-Jul-2017	2017-0366884	12-Feb-19	10206019
Rockley Photonics Limited	RPAT021US	DISCRETE WAVELENGTH TUNABLE LASER	US	16077437	17-Feb-2017	20190052057A1	17-Mar-20	10594109
Rockley Photonics Limited	RPAT021US(N1)	DISCRETE WAVELENGTH TUNABLE LASER	US	16889656	01-Jun-2020	20200295537	-	-
Rockley Photonics Limited	RPAT022US	TUNABLE LASER	US	15999104	17-Feb-2017	20190341740	16-Nov-21	11177627
Rockley Photonics Limited	RPAT023US	OPTOELECTRONIC SWITCH	US	15390348	23-Dec-2016	2017-0117966	26-Nov-19	10491973

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT024US	SYSTEM AND METHOD FOR LINE CODING	US	15425999	06-Feb-2017	2017-0230143	25-Sep-18	10084570
Rockley Photonics Limited	RPAT025US	SYNCHRONIZATION AND RANGING IN A SWITCHING SYSTEM	US	15466737	22-Mar-2017	2017-0279591	10-Apr-18	9942027
Rockley Photonics Limited	RPAT025US(C3)	OPTOELECTRONIC DEVICE AND ARRAY THEREOF	US	17199352	11-Mar-2021	20210199995	-	ABANDONED
Rockley Photonics Limited	RPAT026US	OPTOELECTRONIC SWITCH ARCHITECTURES	US	15521600	22-Apr-2016	2017-0245028	20-Feb-18	9900672
Rockley Photonics Limited	RPAT027US	OPTICAL SWITCH ARCHITECTURE	US	15461421	16-Mar-2017	2017-0195758	17-Jul-18	10028041
Rockley Photonics Limited	RPAT028US(2)	QUANTUM CONFINED STARK EFFECT ELECTROABSORPTION MODULATOR ON A SOI PLATFORM	US	16315569	07-Jul-2017	20190324299	29-Sep-20	10788688
Rockley Photonics Limited	RPAT029US	SINGLE MODE WAVEGUIDE WITH AN ADIABATIC BEND	US	15489669	17-Apr-2017	20170351025	17-Nov-20	10838146
Rockley Photonics Limited	RPAT030US	OPTICAL MODULATORS	US	15430314	10-Feb-2017	2017-0155452-A1	20-Nov-18	10135542
Rockley Photonics Limited	RPAT030US(N1)	OPTICAL MODULATORS	US	16195774	19-Nov-2018	20190139950	24-Aug-21	11101256
Rockley Photonics Limited	RPAT031US	WAVEGUIDE OPTOELECTRONIC DEVICE	US	16465535	01-Dec-2017	20200012043	31-Aug-21	11105975
Rockley Photonics Limited	RPAT032US	WAVEGUIDE DEVICE AND METHOD OF DOPING A WAVEGUIDE DEVICE	US	16465538	01-Dec-2017	20190331855	15-Jun-21	11036006

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT033US	MODE CONVERTER AND METHOD OF FABRICATING THEREOF	US	16317151	13-Jul-2017	20190243070	5-May-20	10643903
Rockley Photonics Limited	RPAT033US(N1)	MODE CONVERTER AND METHOD OF FABRICATING THEREOF	US	16865255	01-May-2020	20200258791	28-Sep-21	11133225
Rockley Photonics Limited	RPAT034US	HARDWARE EFFICIENT SYSTEM AND METHOD FOR LOAD BALANCING USING A RANDOM NUMBER	US	15692875	31-Aug-2017	20180074861A1	9-Jun-20	10678599
Rockley Photonics Limited	RPAT035US	ELECTRO-OPTICALLY ACTIVE DEVICE	US	16463203	23-Nov-2017	20190377203	20-Oct-20	10809547
Rockley Photonics Limited	RPAT035US(2)	ELECTRO-OPTICALLY ACTIVE DEVICE	US	16766268	11-May-2018	20200363662	21-Sep-21	11126020
Rockley Photonics Limited	RPAT036US	COPACKAGING OF ASIC AND SILICON PHOTONICS	US	15862463	04-Jan-2018	2018-0196196	30-Jul-19	10365436
Rockley Photonics Limited	RPAT036US(N1)	COPACKAGING OF ASIC AND SILICON PHOTONICS	US	16505674	08-Jul-2019	20200073050	29-Dec-20	10877217
Rockley Photonics Limited	RPAT037US	OPTOELECTRONIC SWITCH	US	16487782	21-Feb-2018	20200314511	10-Aug-21	11089392
Rockley Photonics Limited	RPAT038US	MULTI-FIELD CLASSIFIER	US	15879065	24-Jan-2018	2018-0213067-A1	15-Sep-20	10778814
Rockley Photonics Limited	RPAT039US	AVALANCHE PHOTODIODE STRUCTURE	US	16613739	15-May-2018	20210175384	-	-
Rockley Photonics Limited	RPAT039US(N1)	AVALANCHE PHOTODIODE STRUCTURE	US	17573589	11-Jan-2022	20220140157	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT040US	OPTICAL MODULATOR	US	16496934	22-Mar-2018	20200089076	24-Aug-21	11099454
Rockley Photonics Limited	RPAT041US	OPTOELECTRONIC SWITCH WITH REDUCED FIBRE COUNT	US	16491561	05-Mar-2018	20210144456	1-Feb-22	11240572
Rockley Photonics Limited	RPAT042US	T-SHAPED ARRAYED WAVEGUIDE GRATING	US	15643399	06-Jul-2017	2018-0224603	26-Nov-19	10488589
Rockley Photonics Limited	RPAT042US(N1)	ARRAYED WAVEGUIDE GRATING WITH FREE PROPAGATION REGION MATCHING	US	16523987	26-Jul-2019	20190346622	23-Mar-21	10955613
Rockley Photonics Limited	RPAT042US(N2)	T-SHAPED ARRAYED WAVEGUIDE GRATING	US	16088387	08-Feb-2018	20190331853	14-Sep-21	11119273
Rockley Photonics Limited	RPAT045US	RELIABLE LASER LIGHT SOURCE	US	15946345	05-Apr-2018	2018-0294621	3-Sep-19	10404035
Rockley Photonics Limited	RPAT046US	LEAF SWITCH MODULE AND OPTOELECTRONIC SWITCH	US	16496337	22-Mar-2018	20200037055	2-Feb-21	10911846
Rockley Photonics Limited	RPAT047US	DRIVER FOR OPTICAL MODULATOR	US	15982928	17-May-2018	2018-0341125	24-Sep-19	10423016
Rockley Photonics Limited	RPAT049US	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	16007896	13-Jun-2018	20180366915	20-Oct-20	10811848
Rockley Photonics Limited	RPAT049US(C1)	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	17022901	16-Sep-2020	20200412103	-	ABANDONED
Rockley Photonics Limited	RPAT049US(C2)	BROADBAND ARBITRARY WAVELENGTH	US	17104929	25-Nov-2020	20210083457	-	ABANDONED

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
		MULTICHANNEL LASER SOURCE						
Rockley Photonics Limited	RPAT049US(C3)	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	17172033	09-Feb-2021	20210167583	-	ABANDONED
Rockley Photonics Limited	RPAT049US(C4)	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	17327508	21-May-2021	20210281051	-	ABANDONED
Rockley Photonics Limited	RPAT049US(C5)	BROADBAND ARBITRARY WAVELENGTH MULTI-CHANNEL LASER SOURCE	US	17519412	04-Nov-2021	20220059996	-	-
Rockley Photonics Limited	RPAT049US(N1)	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	17675512	18-Feb-2022	20220200244	-	-
Rockley Photonics Limited	RPAT050US	OPTOELECTRONIC DEVICE	US	15700053	08-Sep-2017	-	20-Nov-18	10133094
Rockley Photonics Limited	RPAT050US(C1)	OPTOELECTRONIC DEVICE	US	16144994	27-Sep-2018	20190041667	3-Sep-19	10401656
Rockley Photonics Limited	RPAT050US(C2)	OPTOELECTRONIC DEVICE	US	16420096	22-May-2019	20190278111	16-Feb-21	10921616
Rockley Photonics Limited	RPAT052US(C1)	OPTOELECTRONIC DEVICE AND ARRAY THEREOF	US	16985008	04-Aug-2020	20200363663	-	ABANDONED
Rockley Photonics Limited	RPAT052US(C2)	OPTOELECTRONIC DEVICE AND ARRAY THEREOF	US	17098290	13-Nov-2020	20210080761	-	ABANDONED
Rockley Photonics Limited	RPAT053US	OPTICAL SCANNER AND DETECTOR	US	16022525	28-Jun-2018	2019-0004151	7-Sep-21	11112491

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT053US(C1)	OPTICAL SCANNER AND DETECTOR	US	17395252	05-Aug-2021	-	-	-
Rockley Photonics Limited	RPAT054US	OPTOELECTRONIC DEVICE	US	15700055	08-Sep-2017	20190011799	22-Jan-19	10185203
Rockley Photonics Limited	RPAT055US(C3)	ATHERMALIZED MULTI-PATH INTERFERENCE FILTER	US	16986076	05-Aug-2020	20200371291	-	ABANDONED
Rockley Photonics Limited	RPAT055US(C4)	ATHERMALIZED MULTI-PATH INTERFERENCE FILTER	US	17073132	16-Oct-2020	20210055479	-	ABANDONED
Rockley Photonics Limited	RPAT055US(C5)	ATHERMALIZED MULTI-PATH INTERFERENCE FILTER	US	17150950	15-Jan-2021	20210215881	-	ABANDONED
Rockley Photonics Limited	RPAT055US(C6)	ATHERMALIZED MULTI-PATH INTERFERENCE FILTER	US	17216538	29-Mar-2021	20210215881	-	-
Rockley Photonics Limited	RPAT056US	INTEGRATED STRUCTURE AND MANUFACTURING METHOD THEREOF	US	16317171	13-Jul-2017	20190244866	15-Jun-21	11037839
Rockley Photonics Limited	RPAT056US(C1)	INTEGRATED STRUCTURE AND MANUFACTURING METHOD THEREOF	US	17324953	19-May-2021	20210335677	-	-
Rockley Photonics Limited	RPAT057US	RECONFIGURABLE SPECTROSCOPY SYSTEM	US	16026953	03-Jul-2018	2019-0011639	9-Jun-20	10677989
Rockley Photonics Limited	RPAT057US(D1)	RECONFIGURABLE SPECTROSCOPY SYSTEM	US	16867372	05-May-2020	US-2020-0264377-A1	30-Mar-21	10962718
Rockley Photonics Limited	RPAT058US	SPECTROSCOPY SYSTEM WITH BEAT COMPONENT	US	16370861	29-Mar-2019	-	11-Aug-20	10739256

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT058US(C1)	SPECTROSCOPY SYSTEM WITH BEAT COMPONENT	US	16917550	30-Jun-2020	US2020-0333246 A1	6-Apr-21	10969334
Rockley Photonics Limited	RPAT059US	OPTOELECTRONIC MODULE PACKAGE	US	16056340	06-Aug-2018	20190044002	1-Feb-22	11239377
Rockley Photonics Limited	RPAT059US(C1)	OPTOELECTRONIC MODULE PACKAGE	US	17550924	14-Dec-2021	20220109075	-	-
Rockley Photonics Limited	RPAT060US	MODULE WITH TRANSMIT AND RECEIVE OPTICAL SUBASSEMBLIES WITH SPECIFIC PIC COOLING ARCHITECTURE	US	16051237	31-Jul-2018	20190041576	1-Sep-20	10761262
Rockley Photonics Limited	RPAT060US(C1)	MODULE WITH TRANSMIT OPTICAL SUBASSEMBLY AND RECEIVE OPTICAL SUBASSEMBLY	US	16945569	31-Jul-2020	20200363585	1-Mar-22	11262498
Rockley Photonics Limited	RPAT061US	BROADBAND STAR COUPLER	US	16104083	16-Aug-2018	20190056551	3-Aug-21	11079547
Rockley Photonics Limited	RPAT063US	SCHOTTKY PHOTODETECTOR	US	16641142	20-Aug-2018	20200176627	24-May-22	11342475
Rockley Photonics Limited	RPAT064US	OPTICAL MODULATOR AND METHOD OF FABRICATING AN OPTICAL MODULATOR USING RARE EARTH OXIDE	US	16641128	21-Aug-2018	20200292854	30-Aug-22	11428962
Rockley Photonics Limited	RPAT065US	ELECTRO-ABSORPTION MODULATOR	US	16286533	26-Feb-2019	20190293971	17-Nov-20	10838240
Rockley Photonics Limited	RPAT066US	WAVEGUIDE MIRROR AND METHOD OF FABRICATING A WAVEGUIDE MIRROR	US	16368605	28-Mar-2019	20190302366	5-May-20	10641962

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT066US(C1)	WAVEGUIDE MIRROR AND METHOD OF FABRICATING A WAVEGUIDE MIRROR	US	16866419	04-May-2020	20200264372	-	-
Rockley Photonics Limited	RPAT067US	OPTOELECTRONIC DEVICE	US	16281035	20-Feb-2019	20190258094	28-Dec-21	11209678
Rockley Photonics Limited	RPAT067US(C1)	OPTOELECTRONIC DEVICE	US	17540782	02-Dec-2021	20220163824	-	-
Rockley Photonics Limited	RPAT068US	OPTOELECTRONIC DEVICE INCLUDING ANTI-REFLECTIVE COATINGS AND METHOD OF MANUFACTURING THEREOF	US	16408381	09-May-2019	20190346704	17-Aug-21	11092825
Rockley Photonics Limited	RPAT069US	ELECTRO-OPTICALLY ACTIVE DEVICE	US	16463337	23-Nov-2017	20190377204	1-Jun-21	11022824
Rockley Photonics Limited	RPAT071US	OPTICAL MODULATOR AND METHOD OF USE	US	16494675	15-Mar-2018	20200099454	5-Apr-22	11296794
Rockley Photonics Limited	RPAT072US	POROUS SILICON SENSOR	US	16351331	12-Mar-2019	20190285552	7-Apr-20	10613033
Rockley Photonics Limited	RPAT073US	DISTRIBUTED FEEDBACK LASER	US	16826122	20-Mar-2020	20200303891	-	-
Rockley Photonics Limited	RPAT074US	POLARIZATION ROTATOR WITH DIMENSIONED RIB WAVEGUIDE AND A POLARIZATION STABILIZER	US	16362528	22-Mar-2019	20190302361	2-Mar-21	10935724
Rockley Photonics Limited	RPAT075US	ELECTRO-OPTICAL PACKAGE AND METHOD OF FABRICATION	US	16382076	11-Apr-2019	20190317287	6-Jul-21	11054597
Rockley Photonics Limited	RPAT076US	OPTICAL ENGINE	US	16383309	12-Apr-2019	20190243164	17-May-22	11333907

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT077US	ELECTRO-OPTICAL PACKAGE AND METHOD OF FABRICATION	US	16393763	24-Apr-2019	20190333905	22-Dec-20	10872854
Rockley Photonics Limited	RPAT078US	III-V/SI HYBRID OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE	US	17055541	15-May-2019	20210111301	-	-
Rockley Photonics Limited	RPAT079US	INTEGRATION OF PHOTONIC COMPONENTS ON SOI PLATFORM	US	17055114	14-May-2019	20210271119	10-May-22	11327343
Rockley Photonics Limited	RPAT080US	EFFICIENT AND FAST HEATERS WITH THERMAL ISOLATION	US	17054486	10-Nov-2020	20210191163	-	-
Rockley Photonics Limited	RPAT081US	WAVEGUIDE TYPE PHOTODETECTOR AND METHOD OF MANUFACTURE THEREOF	US	17059088	29-May-2019	20210234058	-	-
Rockley Photonics Limited	RPAT082US	METHOD OF FABRICATING AND OPTOELECTRONIC COMPONENT	US	16999789	21-Aug-2020	20210057874	27-Jul-21	11075498
Rockley Photonics Limited	RPAT083US	METHOD FOR III-V/SILICON HYBRID INTEGRATION	US	16532406	05-Aug-2019	20200041721	15-Jun-21	11036005
Rockley Photonics Limited	RPAT083US(N1)	METHOD FOR III-V/SILICON HYBRID INTEGRATION	US	17167065	03-Feb-2021	20210181437	5-Jul-22	11378762
Rockley Photonics Limited	RPAT084US	DAISY CHAIN CONTROL NETWORK WITH DATA GENERATORS AND TOKEN-FORWARDING CONNECTIONS	US	16566629	10-Sep-2019	20200081862	1-Jun-21	11023405
Rockley Photonics Limited	RPAT085US	OPTOELECTRONIC MODULATOR, PHOTONIC INTEGRATED CIRCUIT, AND METHOD	US	16667831	29-Oct-2019	20200133034	28-Dec-21	11209679

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT086US	OPTICAL COMPONENTS FOR IMAGING	US	17428580	06-Feb-2020	20220283308	-	-
Rockley Photonics Limited	RPAT087US	OPTICAL COMPONENTS FOR SCANNING LIDAR	US	17428594	06-Feb-2020	20220128666	-	-
Rockley Photonics Limited	RPAT088US	PN-JUNCTION PHASE MODULATOR IN A LARGE SILICON WAVEGUIDE PLATFORM	US	16393889	24-Apr-2019	20200133091	6-Jul-21	11054674
Rockley Photonics Limited	RPAT088US(C1)	PN-JUNCTION PHASE MODULATOR IN A LARGE SILICON WAVEGUIDE PLATFORM	US	17352223	18-Jun-2021	20210311335	-	ABANDONED
Rockley Photonics Limited	RPAT089US	ROUTING PROTOCOL AND DISTRIBUTED ROUTER	US	16875886	15-May-2020	20210006495	30-Nov-21	11190447
Rockley Photonics Limited	RPAT090US	OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE THEREOF	US	17312335	09-Dec-2019	20220050247	-	-
Rockley Photonics Limited	RPAT091US	SWITCH WITH A SHUFFLE	US	16846213	10-Apr-2020	20200329288	30-Nov-21	11190860
Rockley Photonics Limited	RPAT092US	PHOTONIC BURIED INTERPOSER	US	17296211	31-Mar-2020	20220011509	-	-
Rockley Photonics Limited	RPAT093US	FAN-OUT PACKAGE WITH RABBET	US	16690054	20-Nov-2019	20200161243	12-Jul-22	11387186
Rockley Photonics Limited	RPAT094US	WDM RECEIVER AND METHOD OF OPERATION THEREOF	US	17418669	18-Dec-2019	20220077950	-	-
Rockley Photonics Limited	RPAT095US	OPTOELECTRONIC DEVICE AND METHOD	US	17417296	18-Dec-2019	20220075213	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT096US(N1)	OPTICAL PHASED ARRAY FOURIER TRANSFORM PROCESSOR	US	16779526	31-Jan-2020	20200209909	-	-
Rockley Photonics Limited	RPAT097US	MEASUREMENT SYSTEM USING CAMERA	US	14843866	02-Sep-2015	-	13-Aug-19	10379219
Rockley Photonics Limited	RPAT098US	OPTICAL ENGINE	US	16836815	31-Mar-2020	20200225430	-	-
Rockley Photonics Limited	RPAT099US	INTERPOSER	US	16899264	11-Jun-2020	20200400902	30-Aug-22	11428882
Rockley Photonics Limited	RPAT101US	ELECTRO-OPTICALLY ACTIVE DEVICE	US	16427247	30-May-2019	20190384073	10-Nov-20	10831043
Rockley Photonics Limited	RPAT102US	ELECTRO-OPTIC MODULATOR	US	17629299	23-Jul-2020	20220244581	-	-
Rockley Photonics Limited	RPAT111US	METHOD OF MANUFACTURING A III-V BASED OPTOELECTRONIC DEVICE	US	17002722	25-Aug-2020	20210066537	-	-
Rockley Photonics Limited	RPAT114US	THROUGH MOLD VIA FRAME	US	17597473	06-Jan-2022	-	-	-
Rockley Photonics Limited	RPAT115US	SILICON PHOTONIC INTERPOSER WITH TWO METAL REDISTRIBUTION LAYERS	US	17596252	05-Dec-2020	20220310540	-	-
Rockley Photonics Limited	RPAT118US	OPTICAL ISOLATOR	US	17595702	22-May-2020	20220244584	-	-
Rockley Photonics Limited	RPAT120US	MULTILAYER METAL STACK HEATER	US	16900714	12-Jun-2020	20200393707	1-Mar-22	11262603

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT121US	FACEPLATE PLUGGABLE REMOTE LASER SOURCE AND SYSTEM INCORPORATING SAME	US	16988377	07-Aug-2020	20210044356	14-Sep-21	11121776
Rockley Photonics Limited	RPAT125US	OPTICAL MODE SPLITTER	US	16880926	21-May-2020	20210364698	-	-
Rockley Photonics Limited	RPAT126US	INTEGRATED SELF-ALIGNED ASSEMBLY	US	17504125	18-Oct-2021	20220122924	-	-
Rockley Photonics Limited	RPAT129US	INTEGRATED III-V / SILICON OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE THEREOF	US	17104670	25-Nov-2020	20210181546	-	-
Rockley Photonics Limited	RPAT130US	OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE THEREOF	US	17092151	06-Nov-2020	20210141172	-	-
Rockley Photonics Limited	RPAT139US	HYBRID INTEGRATION PROCESS AND DEVICES	US	17318834	12-May-2021	20210356663	-	-
Rockley Photonics Limited	RPAT141US	CO-PACKAGED OPTICS AND TRANSCEIVER	US	16824609	19-Mar-2020	20200219865	30-Mar-21	10962728
Rockley Photonics Limited	RPAT145US	DEVICE COUPON AND METHOD OF FABRICATION THEREOF	US	17203274	16-Mar-2021	20210311256	-	-
Rockley Photonics Limited	RPAT147US	SILICON GRATING WITH AMORPHOUS SILICON PERTURBATION	US	17230864	14-Apr-2021	20210325609	-	-
Rockley Photonics Limited	RPAT153US	OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE THEREOF	US	17364837	30-Jun-2021	20220013988	-	-
Rockley Photonics Limited	RPAT154US	ENHANCED BANDWIDTH INTERCONNECT	US	17362892	29-Jun-2021	20220013879	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT156US	OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE THEREOF	US	17439297	12-Nov-2020	20220155521	-	-
Rockley Photonics Limited	RPAT162US	ELECTRO-OPTICAL PACKAGE AND METHOD OF FABRICATION	US	17550886	14-Dec-2021	20220189841	-	-
Rockley Photonics Limited	RPAT165US	CURVILINEAR DESIGN ADJUSTMENT AT ACUTE-ANGLED TIP	US	17512374	27-Oct-2021	20220138392	-	-
Rockley Photonics Limited	RPAT171US	METHOD AND APPARATUS FOR IMPROVEMENT OF SPECTROMETER STABILITY, AND MULTIVARIATE CALIBRATION TRANSFER	US	11560361	16-Nov-2006	US2008/0120052	4-Nov-08	7446878
Rockley Photonics Limited	RPAT172US(N10)	SYSTEM FOR NONINVASIVE DETERMINATION OF ANALYTES IN TISSUE	US	13444989	12-Apr-2012	20120197096	20-May-14	8730047
Rockley Photonics Limited	RPAT172US(N3)	APPARATUSES FOR NONINVASIVE DETERMINATION OF IN VIVO ALCOHOL CONCENTRATION USING RAMAN SPECTROSCOPY	US	12107764	23-Apr-2008	20080208018	12-Nov-13	8581697
Rockley Photonics Limited	RPAT172US(N4)	METHODS FOR NONINVASIVE DETERMINATION OF IN VIVO ALCOHOL CONCENTRATION USING RAMAN SPECTROSCOPY	US	12107765	23-Apr-2008	20090234204	20-Aug-13	8515506
Rockley Photonics Limited	RPAT172US(N5)	APPARATUS AND METHODS FOR MITIGATING THE EFFECTS OF FOREIGN INTERFERENTS ON ANALYTE MEASUREMENTS IN SPECTROSCOPY	US	11305964	19-Dec-2005	20070142720	13-Jul-10	7756558
Rockley Photonics Limited	RPAT172US(N6)	APPARATUS AND METHOD FOR NONINVASIVELY MONITORING FOR THE	US	11515565	05-Sep-2006	20070073118	10-Nov-09	7616123

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
		PRESENCE OF ALCOHOL OR SUBSTANCES OF ABUSE IN CONTROLLED ENVIRONMENTS						
Rockley Photonics Limited	RPAT172US(N7)	APPARATUS AND METHOD FOR CONTROLLING OPERATION OF VEHICLES OR MACHINERY BY INTOXICATED OR IMPAIRED INDIVIDUALS	US	11393341	30-Mar-2006	20060173256	10-Jan-12	8095193
Rockley Photonics Limited	RPAT172US(N8)	METHOD OF MAKING OPTICAL PROBES FOR NON-INVASIVE ANALYTE MEASUREMENTS	US	12185224	04-Aug-2008	20090003764	7-Dec-10	7848605
Rockley Photonics Limited	RPAT172US(N9)	SYSTEM FOR NONINVASIVE DETERMINATION OF ANALYTES IN TISSUE	US	12562050	17-Sep-2009	20100010325	8-May-12	8174394
Rockley Photonics Limited	RPAT179US(P)	OPTICAL OUT-COUPLER UNIT FOR OUT-COUPLING LIGHT FROM A WAVEGUIDE	US	63188359	13-May-2021	-	-	-
Rockley Photonics Limited	RPAT180US(P)	MINIMIZING PHASE VARIATION FOR INCREASING YIELD OF INTEGRATED UNBALANCED MACH-ZEHNDER INTERFEROMETERS	US	63175518	15-Apr-2021	-	-	-
Rockley Photonics Limited	RPAT184US	COMPACT WAVEGUIDE TAPER AND WAVEGUIDE CROSSING	US	17684265	01-Mar-2022	20220283369	-	-
Rockley Photonics Limited	RPAT186US	OPTOELECTRONIC DEVICE AND ARRAY THEREOF	US	17349835	16-Jun-2021	20210311333	-	-
Rockley Photonics Limited	RPAT190US(P)	INTEGRATED REDUCED COHERENCE-LENGTH LASER	US	63186704	10-May-2021	-	-	-
Rockley Photonics Limited	RPAT190US(P)	INTEGRATED REDUCED-COHERENCE-LENGTH LASER	US	63309316	11-Feb-2022	-	-	-

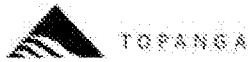
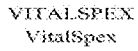
OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT191US(P)	TRANSMITTER PHOTONIC INTEGRATED CIRCUIT	US	63215345	25-Jun-2021	-	-	-
Rockley Photonics Limited	RPAT192US(P)	III-V/SOI HYBRID DP-QPSK MODULATORS FABRICATED BY MTP TECHNOLOGY	US	63170990	05-Apr-2021	-	-	-
Rockley Photonics Limited	RPAT194US(P)	HIGH SPEED, ACOUSTO-OPTIC LASER FREQUENCY DISCRIMINATOR	US	63188390	13-May-2021	-	-	-
Rockley Photonics Limited	RPAT195US(P)	GLASS BONDING FIXTURE FOR III-V ON SILICON PIC	US	63187845	12-May-2021	-	-	-
Rockley Photonics Limited	RPAT196US(P)	A CHIP-SCALE EXTERNAL CAVITY LASER BASED ON ECHELLE GRATING REFLECTOR	US	63195636	01-Jun-2021	-	-	-
Rockley Photonics Limited	RPAT197US(P)	SENSING SYSTEM WITH LIDAR AND SPECTROSCOPIC SENSOR	US	63215925	28-Jun-2021	-	-	-
Rockley Photonics Limited	RPAT200US(P)	PHOTONIC INTEGRATED CIRCUIT	US	63227227	29-Jul-2021	-	-	-
Rockley Photonics Limited	RPAT201US(P)	PHOTODIODE FOR WEARABLE DEVICES	US	63229431	04-Aug-2021	-	-	-
Rockley Photonics Limited	RPAT202US(P)	ARCHITECTURE OF A PHOTONIC INTEGRATED CIRCUIT (PIC) AND METHOD OF OPERATING THE SAME	US	63280989	18-Nov-2021	-	-	-
Rockley Photonics Limited	RPAT203US(P)	OPTICAL RECEIVER	US	63243021	10-Sep-2021	-	-	-
Rockley Photonics Limited	RPAT204US(P)	SYSTEM FOR METHOD FOR SENSING BIOMARKERS	US	63230590	06-Aug-2021	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT205US(P)	HEALTH STATE ESTIMATION USING MACHINE LEARNING	US	63239857	01-Sep-2021	-	-	-
Rockley Photonics Limited	RPAT207US(P)	METHOD OF SELF-CALIBRATION FROM UNLABELLED DATA	US	63253054	06-Oct-2021	-	-	-
Rockley Photonics Limited	RPAT208US(P)	SPECTROSCOPIC SENSOR FOR MACHINES	US	63315776	02-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT209US(P)	COUPLING FOR EAM AND DFB LASER	US	63247297	22-Sep-2021	-	-	-
Rockley Photonics Limited	RPAT210US(P)	POLARIZATION SPLITTER AND ROTATOR	US	63322012	21-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT211US(P)	SYSTEMS AND METHODS FOR IMPROVED SENSOR ALGORITHMS	US	63251444	01-Oct-2021	-	-	-
Rockley Photonics Limited	RPAT211US(P2)	SYSTEMS AND METHODS FOR IMPROVED SENSOR ALGORITHMS	US	63291282	17-Dec-2021	-	-	-
Rockley Photonics Limited	RPAT212US(P)	COMPUTER-IMPLEMENTED METHOD FOR A WEARABLE DEVICE	US	63279633	15-Nov-2021	-	-	-
Rockley Photonics Limited	RPAT213US(P)	A COMBINED OPTICAL SENSOR MODULE	US	63279932	16-Nov-2021	-	-	-
Rockley Photonics Limited	RPAT214US(P)	DEFORMABLE MEMBRANE REFLECTOR	US	63280993	18-Nov-2021	-	-	-
Rockley Photonics Limited	RPAT215US(P)	MODULE-SKIN INTERFACE	US	63280996	18-Nov-2021	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT216US(P)	WAVELENGTH MONITORING AND CONTROL ON A PHOTONIC INTEGRATED CIRCUIT	US	63283375	26-Nov-2021	-	-	-
Rockley Photonics Limited	RPAT217US(P)	INTEGRATION OF MULTI-MODE DEMUX WITH SINGLE-MODE HSPD THROUGH MULTI-MODE POWER SPLITTER	US	63291814	20-Dec-2021	-	-	-
Rockley Photonics Limited	RPAT218US(P)	FABRI-PEROT BASED MULTI RESONANT CAVITY TUNABLE LASER	US	63292341	21-Dec-2021	-	-	-
Rockley Photonics Limited	RPAT219US(P)	INTERLEAVED EG-BASED BROADBAND MULTIPLEXING	US	63292346	21-Dec-2021	-	-	-
Rockley Photonics Limited	RPAT220US(P)	COHERENT QPSK TRANSMITTER WITH HETEROGENEOUS III-V U-BEND EAMS AND COHERENT QPSK RECEIVER IMPLEMENTED IN A MULTI-MICRON SILICON PHOTONICS PLATFORM WITH 4X4 MMI	US	63300926	19-Jan-2022	-	-	-
Rockley Photonics Limited	RPAT223US(P)	HUMAN-COMPUTER INTERACTION DEVICE OR SYSTEM WITH SENSOR	US	63321328	18-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT224US(P)	INTEGRATION SOLUTIONS FOR ISVS	US	63324103	27-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT225US(P)	BEAM STEERING WITH RANDOM DIFFUSERS FOR SPECKLE NOISE MITIGATION IN MULTIPLEXED LASER SPECTROSCOPY	US	63324270	28-Mar-2022	-	-	-

Acknowledgement of Trademark Security Interest that was recorded with the United States Patent and Trademark Office on May 27, 2022 at Reel/Frame 7736/0100, as follows:

TRADEMARKS

Owner	Jurisdiction Name	Mark Text	Mark Image	Application Number	Application Date	Granted Right Number	Grant Date	Class
Rockley Photonics Limited	United States of America	ROCKLEY		90732561	25/05/2021	-	-	9, 10, 42
Rockley Photonics Limited	United States of America	VITALSPEX		97330845	25/03/2022	-	-	9, 42
Rockley Photonics Limited	United States of America	TOPANGA		79222674	18/08/2017	5552754	4/9/2018	9, 42
Rockley Photonics Limited	United States of America	ROCKLEY		79212601	19/09/2016	5582684	16/10/2018	9, 42
Rockley Photonics Limited	United States of America	RayDriver		79280138	9/12/2019	6263405	9/2/2021	9, 42

Acknowledgement of Patent Security Interest that was recorded with the United States Patent and Trademark Office on October 4, 2022 at Reel/Frame 061604/0025, as follows:

PATENTS

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT213US	OPTICAL SENSOR MODULE	US	17711974	01-Apr-2022	-	-	-
Rockley Photonics Limited	RPAT192US	PHASE SHIFT KEYING MODULATOR	US	17711965	01-Apr-2022	20220317539	-	-
Rockley Photonics Limited	RPAT213US(C1)	OPTICAL SENSOR MODULE	US	17934502	22-Sep-2022	-	-	-
Rockley Photonics Limited	RPAT071US(N1)	OPTICAL MODULATOR AND METHOD OF USE	US	17712036	01-Apr-2022	20220229340	-	-
Rockley Photonics Limited	RPAT190US(P3)	INTEGRATED REDUCED-COHERENCE-LENGTH LASER	US	63328529	07-Apr-2022	-	-	-
Rockley Photonics Limited	RPAT059US(N1)	OPTOELECTRONIC MODULE PACKAGE	US	17732471	28-Apr-2022	-	-	-
Rockley Photonics Limited	RPAT155US(N1)	METHOD, DEVICE WAFER, AND OPTOELECTRONIC DEVICE	US	17733947	29-Apr-2022	-	-	-
Rockley Photonics Limited	RPAT192US(N1)	PHASE SHIFT KEYING MODULATOR	US	17734962	02-May-2022	20220326588	-	-
Rockley Photonics Limited	RPAT227US(P)	DIALYSIS MONITORING SYSTEM	US	63337552	02-May-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT228US(P)	DIALYSIS MONITORING SYSTEM WITH WEARABLE DEVICE	US	63337525	02-May-2022	-	-	-
Rockley Photonics Limited	RPAT195US	BONDING FIXTURE	US	17742095	11-May-2022	-	-	-
Rockley Photonics Limited	RPAT194US	OPTICAL INSTRUMENT AND METHOD FOR DETERMINING A WAVELENGTH OF LIGHT GENERATED BY AN LIGHT SOURCE, AND OPTICAL SYSTEM COMPRISING THE OPTICAL INSTRUMENT	US	17743427	12-May-2022	-	-	-
Rockley Photonics Limited	RPAT179US	OPTICAL OUT-COUPLER UNIT FOR OUT-COUPLING LIGHT FROM A WAVEGUIDE	US	17744108	13-May-2022	-	-	-
Rockley Photonics Limited	RPAT156US(N1)	OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE THEREOF	US	17748639	19-May-2022	20220276438	-	-
Rockley Photonics Limited	RPAT230US(P)	TEST PART WITH ALIGNMENT OFFSET FOR CHARACTERIZING ALIGNMENT ERRORS	US	63345284	24-May-2022	-	-	-
Rockley Photonics Limited	RPAT222US(P)	SYSTEM FOR SPECTROMETRY AND SPECTROPHOTOMETRY	US	63346300	26-May-2022	-	-	-
Rockley Photonics Limited	RPAT231US(P)	FOLDED MACH-ZEHNDER INTERFEROMETER	US	63346297	26-May-2022	-	-	-
Rockley Photonics Limited	RPAT196US	LASER WITH WAVELENGTH-SELECTIVE REFLECTOR	US	17829030	31-May-2022	-	-	-
Rockley Photonics Limited	RPAT194US(N1)	OPTICAL INSTRUMENT AND METHOD FOR DETERMINING A WAVELENGTH OF LIGHT GENERATED BY A LIGHT SOURCE, AND OPTICAL	US	17832509	03-Jun-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
		SYSTEM COMPRISING THE OPTICAL INSTRUMENT						
Rockley Photonics Limited	RPAT229US(P)	ECHELLE GRATINGS WITH A SHARED FREE PROPAGATION REGION	US	63366050	08-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT233US(P)	CALIBRATION METHOD AND APPARATUS FOR OPTICAL SENSOR	US	63351316	10-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT234US(P)	SPECKLE MITIGATION USING AN ARRAY OF SUSPENDED SI NANO-BEAMS	US	63366186	10-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT235US(P)	SURFACE RELIEVED NANOSTRUCTURE FOR LASER SPECKLE NOISE MITIGATION	US	63351288	10-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT176US	THERMOSONIC BONDING FOR SECURING PHOTONIC COMPONENTS	US	17839405	13-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT209US	OPTOELECTRONIC DEVICE	US	17848328	23-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT197US	SENSING SYSTEM	US	17850881	27-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT083US(N2)	METHOD FOR III-V/SILICON HYBRID INTEGRATION	US	17858021	05-Jul-2022	-	-	-
Rockley Photonics Limited	RPAT193US	SEMICONDUCTOR PHOTODIODE	US	17862338	11-Jul-2022	-	-	-
Rockley Photonics Limited	RPAT200US	PHOTONIC INTEGRATED CIRCUIT	US	17814787	25-Jul-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT201US	PHOTODIODE FOR WEARABLE DEVICES	US	17816900	02-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT204US	SYSTEM AND METHOD FOR POSITIONING A SENSOR ON A SUBJECT	US	17817321	03-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT232US(P)	DEVICE COUPON AND OPTOELECTRONIC DEVICE	US	63395718	05-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT207US	METHOD OF SELF-CALIBRATION FROM UNLABELED DATA	US	17886409	11-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT237US(P)	WEARABLE DEVICE	US	63371732	17-Aug-2022	-	-	-
Rockley Photonics Limited	RPDP001US	WEARABLE ELECTRONIC DEVICE (DESIGN PATENT)	US	29850201	17-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT239US(P)	OPTICAL INTERFACE WITH DEFORMABLE MIRROR	US	63400713	24-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT237US(P2)	WEARABLE BAND	US	63373853	29-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT205US	HEALTH STATE ESTIMATION USING MACHINE LEARNING	US	17823505	30-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT236US(P)	LASER	US	63402637	31-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT238US(P)	INTEGRATED MIRROR WITH INSITU MONITOR	US	63374692	06-Sep-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT079US(C1)	INTEGRATION OF PHOTONIC COMPONENTS ON SOI PLATFORM	US	17738945	06-May-2022	20220260863	-	-
Rockley Photonics Limited	RPAT131US	OPTICAL MULTIPLEXER	US	17755969	12-May-2022	-	-	-
Rockley Photonics Limited	RPAT134US	GROWTH DEFECT REDUCTION AT GRATING TRANSITION	US	17756808	02-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT166US	OPTICAL SENSING MODULE	US	17757130	09-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT166US(C1)	OPTICAL SENSING MODULE	US	17806254	09-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT127US	PACKAGING OF THREE-DIMENSIONAL INTEGRATED CIRCUIT BY ENCAPSULATION WITH COPPER POSTS AND DOUBLE SIDED REDISTRIBUTION LAYER	US	17757823	21-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT083US(C1)	METHOD FOR III-V/SILICON HYBRID INTEGRATION	US	17856864	01-Jul-2022	-	-	-
Rockley Photonics Limited	RPAT140US	SOURCE WAFER AND METHOD PREPARATION THEREOF	US	17791524	-	-	-	-
Rockley Photonics Limited	RPAT133US	DEMULTIPLEXER	US	17793914	19-Jul-2022	-	-	-
Rockley Photonics Limited	RPAT137US	FREQUENCY SHIFTER FOR HETERODYNE INTERFEROMETRY MEASUREMENTS AND DEVICE FOR HETERODYNE INTERFEROMETRY	US	17757048	08-Jun-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
		MEASUREMENTS HAVING SUCH A FREQUENCY SHIFTER						
Rockley Photonics Limited	RPAT138US	OPTICAL DEVICE FOR HETERODYNE INTERFEROMETRY	US	17757037	08-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT143US	PHOTONIC MODULE AND METHOD OF MANUFACTURE	US	17798525	09-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT100US	WAVEGUIDE PLATFORM	US	17798821	10-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT122US	TRANSFER DIE FOR MICRO-TRANSFER PRINTING	US	17904583	18-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT203US(C1)	OPTICAL SPECKLE RECEIVER	US	17822419	25-Aug-2022	-	-	-

Acknowledgement of Patent Security Interest that was recorded with the United States Patent and Trademark Office on October 15, 2022 at Reel/Frame 061435/0367, as follows:

PATENTS

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT124US	OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURING AN OPTOELECTRONIC DEVICE	US	17640994	07-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT112US	SILICONIZED HETEROGENEOUS OPTICAL ENGINE	US	17641418	08-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT183US	WAVEGUIDE FACET INTERFACE	US	17687068	04-Mar-2022	20220283365	-	-
Rockley Photonics Limited	RPAT182US	HIGHER ORDER MODE FILTER	US	17687144	04-Mar-2022	20220283367	-	-
Rockley Photonics Limited	RPAT188US	WAVEGUIDE HEATER	US	17695451	15-Mar-2022	20220299704	-	-
Rockley Photonics Limited	RPAT203US	OPTICAL SPECKLE RECEIVER	US	17703920	24-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT113US	OPTICAL MODULATOR AND METHOD OF FABRICATING AN OPTICAL MODULATOR	US	17753193	25-Aug-2020	20220276512	-	-
Rockley Photonics Limited	RPAT116US	OPTICAL RING MODULATOR	US	17753231	25-Aug-2020	20220291531	-	-
Rockley Photonics Limited	RPAT117US	LINEARIZED MODULATOR	US	17753241	25-Aug-2020	20220299836	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT119US	OPTICAL MODULATOR	US	17753276	25-Aug-2020	-	-	-
Rockley Photonics Limited	RPAT049US(P)	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	62519754	14-Jun-2017	20220059996	-	-
Rockley Photonics Limited	RPAT059US(P)	OPTOELECTRONIC MODULE PACKAGE	US	62542074	07-Aug-2017	20220262962	-	-
Rockley Photonics Limited	RPAT226US(P)	PIC WITH INTEGRATED GRIN LENSES	US	63325934	31-Mar-2022	-	-	-

Acknowledgement of Patent Security Interest that was recorded with the United States Patent and Trademark Office on October 25, 2022 at Reel/Frame 061767/0154, as follows:

PATENTS

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT142US	SWITCH ASSEMBLY	US	17909344	05-Mar-2021			
Rockley Photonics Limited	RPAT167US	COUPON WAFER AND METHOD OF PREPARATION THEREOF	US	17911111	16-Mar-2021			
Rockley Photonics Limited	RPAT198US	Source wafer, method, and optoelectronic devices	US	17938282	05-Oct-2022			
Rockley Photonics Limited	RPAT199US	Photonic pressure sensor	US	17938328	05-Oct-2022			
Rockley Photonics Limited	RPAT211US	SYSTEMS AND METHODS FOR IMPROVED SENSOR ALGORITHMS	US	17937444	30-Sep-2022	-	-	-
Rockley Photonics Limited	RPAT221US(P)	FORK COUPLER	US	63377693	29-Sep-2022	-	-	-
Rockley Photonics Limited	RPAT241US(P)	STAMP	US	63378044	30-Sep-2022	-	-	-
Rockley Photonics Limited	RPAT242US(P)	Method of micro-transfer printing	US	63380361	20-Oct-2022	-	-	-
Rockley Photonics Limited	RPAT244US(P)	Two-module wearable device	US	63379282	12-Oct-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT245US(P)	Repositionable volar module	US	63413181	04-Oct-2022	-	-	-

Acknowledgement of Patent Security Interest that was recorded with the United States Patent and Trademark Office on October 25, 2022 at Reel/Frame 061768/0082, as follows:

PATENTS

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT001US	TUNABLE SOI LASER	US	14601101	20-Jan-2015	2015-0207296	19-Jan-16	9240673
Rockley Photonics Limited	RPAT002US	TUNABLE SOI LASER	US	14601107	20-Jan-2015	2015-0207291	23-Feb-16	9270078
Rockley Photonics Limited	RPAT002US(C1)	TUNABLE SOI LASER	US	15042803	12-Feb-2016	2016-0164246	23-May-17	9660411
Rockley Photonics Limited	RPAT003US	DETECTOR REMODULATOR	US	14629922	24-Feb-2015	2015-0277157	6-Dec-16	9513498
Rockley Photonics Limited	RPAT003US(N2)	OPTOELECTRONIC DEVICE	US	15833990	06-Dec-2017	20180101082	5-Mar-19	10222677
Rockley Photonics Limited	RPAT005US	DETECTOR REMODULATOR AND OPTOELECTRONIC SWITCH	US	14827200	14-Aug-2015	2016-0080844	6-Sep-16	9438970
Rockley Photonics Limited	RPAT005US(C1)	DETECTOR REMODULATOR AND OPTOELECTRONIC SWITCH	US	15256321	02-Sep-2016	2016-0373843	30-May-17	9668037
Rockley Photonics Limited	RPAT006US	DETECTOR REMODULATOR AND OPTOELECTRONIC SWITCH	US	15120861	24-Feb-2015	2017-0078772	12-Mar-19	10231038
Rockley Photonics Limited	RPAT007US	OPTICAL BRIDGE	US	14868116	28-Sep-2015	20160091665	24-Jan-17	9551838

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT008US	OPTOELECTRONIC SWITCH	US	14639041	04-Mar-2015	2016-0091666	16-Aug-16	9417396
Rockley Photonics Limited	RPAT010US	WAVEGUIDE MODULATORS STRUCTURES	US	15555431	04-Mar-2016	2018-0046057-A1	29-Jan-19	10191350
Rockley Photonics Limited	RPAT010US(N1)	WAVEGUIDE MODULATOR STRUCTURES	US	15927943	21-Mar-2018	2018-0217469-A1	26-Feb-19	10216059
Rockley Photonics Limited	RPAT010US(N2)	WAVEGUIDE MODULATOR STRUCTURES	US	16231257	21-Dec-2018	20190146304	9-Jun-20	10678115
Rockley Photonics Limited	RPAT010US(N3)	WAVEGUIDE MODULATOR STRUCTURES	US	16550141	23-Aug-2019	20200124878	19-Oct-21	11150494
Rockley Photonics Limited	RPAT011US	OPTOELECTRONIC SWITCH	US	14715448	18-May-2015	2016-0094487	3-Oct-17	9781059
Rockley Photonics Limited	RPAT011US(C1)	OPTOELECTRONIC SWITCH	US	15696145	05-Sep-2017	2018-0063029	8-May-18	9967208
Rockley Photonics Limited	RPAT012US	ELECTRONIC/PHOTONIC CHIP INTEGRATION AND BONDING	US	14752476	26-Jun-2015	2016-0131862	17-Apr-18	9946042
Rockley Photonics Limited	RPAT012US(C1)	ELECTRONIC/PHOTONIC CHIP INTEGRATION AND BONDING	US	15914981	07-Mar-2018	2018-0196210	23-Jul-19	10359588
Rockley Photonics Limited	RPAT013US	INTERPOSER BEAM EXPANDER CHIP	US	14789489	01-Jul-2015	2017-0003450	11-Jun-19	10317620
Rockley Photonics Limited	RPAT014US	BURST-MODE RECEIVER	US	14813081	29-Jul-2015	2017-0034607	11-Apr-17	9621972

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT015US	OPTOELECTRONIC SWITCH	US	15317897	29-Sep-2016	2017-0289652	24-Jul-18	10034069
Rockley Photonics Limited	RPAT016US	SYSTEM AND METHOD FOR ROUTING	US	15279267	28-Sep-2016	2017-0093717	12-Feb-19	10205664
Rockley Photonics Limited	RPAT017US(N1)	DISCRETE WAVELENGTH TUNABLE LASER	US	15488400	14-Apr-2017	2017-0222398	12-Jun-18	9997890
Rockley Photonics Limited	RPAT018US	OPTOELECTRONIC COMPONENT	US	15321723	10-Nov-2016	2017-0299902	23-Mar-21	10955692
Rockley Photonics Limited	RPAT019US	OPTOELECTRONIC SWITCH	US	15072314	16-Mar-2016	2017-0041691	11-Jul-17	9706276
Rockley Photonics Limited	RPAT019US(C1)	OPTOELECTRONIC SWITCH	US	15644710	07-Jul-2017	2017-0366884	12-Feb-19	10206019
Rockley Photonics Limited	RPAT021US	DISCRETE WAVELENGTH TUNABLE LASER	US	16077437	17-Feb-2017	20190052057A1	17-Mar-20	10594109
Rockley Photonics Limited	RPAT022US	TUNABLE LASER	US	15999104	17-Feb-2017	20190341740	16-Nov-21	11177627
Rockley Photonics Limited	RPAT023US	OPTOELECTRONIC SWITCH	US	15390348	23-Dec-2016	2017-0117966	26-Nov-19	10491973
Rockley Photonics Limited	RPAT024US	SYSTEM AND METHOD FOR LINE CODING	US	15425999	06-Feb-2017	2017-0230143	25-Sep-18	10084570
Rockley Photonics Limited	RPAT025US	SYNCHRONIZATION AND RANGING IN A SWITCHING SYSTEM	US	15466737	22-Mar-2017	2017-0279591	10-Apr-18	9942027

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT026US	OPTOELECTRONIC SWITCH ARCHITECTURES	US	15521600	22-Apr-2016	2017-0245028	20-Feb-18	9900672
Rockley Photonics Limited	RPAT027US	OPTICAL SWITCH ARCHITECTURE	US	15461421	16-Mar-2017	2017-0195758	17-Jul-18	10028041
Rockley Photonics Limited	RPAT028US(2)	QUANTUM CONFINED STARK EFFECT ELECTROABSORPTION MODULATOR ON A SOI PLATFORM	US	16315569	07-Jul-2017	20190324299	29-Sep-20	10788688
Rockley Photonics Limited	RPAT029US	SINGLE MODE WAVEGUIDE WITH AN ADIABATIC BEND	US	15489669	17-Apr-2017	20170351025	17-Nov-20	10838146
Rockley Photonics Limited	RPAT030US	OPTICAL MODULATORS	US	15430314	10-Feb-2017	2017-0155452-A1	20-Nov-18	10135542
Rockley Photonics Limited	RPAT030US(N1)	OPTICAL MODULATORS	US	16195774	19-Nov-2018	20190139950	24-Aug-21	11101256
Rockley Photonics Limited	RPAT031US	WAVEGUIDE OPTOELECTRONIC DEVICE	US	16465535	01-Dec-2017	20200012043	31-Aug-21	11105975
Rockley Photonics Limited	RPAT032US	WAVEGUIDE DEVICE AND METHOD OF DOPING A WAVEGUIDE DEVICE	US	16465538	01-Dec-2017	20190331855	15-Jun-21	11036006
Rockley Photonics Limited	RPAT033US	MODE CONVERTER AND METHOD OF FABRICATING THEREOF	US	16317151	13-Jul-2017	20190243070	5-May-20	10643903
Rockley Photonics Limited	RPAT033US(N1)	MODE CONVERTER AND METHOD OF FABRICATING THEREOF	US	16865255	01-May-2020	20200258791	28-Sep-21	11133225
Rockley Photonics Limited	RPAT034US	HARDWARE EFFICIENT SYSTEM AND METHOD FOR LOAD BALANCING USING A RANDOM NUMBER	US	15692875	31-Aug-2017	20180074861A1	9-Jun-20	10678599

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT035US	ELECTRO-OPTICALLY ACTIVE DEVICE	US	16463203	23-Nov-2017	20190377203	20-Oct-20	10809547
Rockley Photonics Limited	RPAT035US(2)	ELECTRO-OPTICALLY ACTIVE DEVICE	US	16766268	11-May-2018	20200363662	21-Sep-21	11126020
Rockley Photonics Limited	RPAT036US	COPACKAGING OF ASIC AND SILICON PHOTONICS	US	15862463	04-Jan-2018	2018-0196196	30-Jul-19	10365436
Rockley Photonics Limited	RPAT036US(N1)	COPACKAGING OF ASIC AND SILICON PHOTONICS	US	16505674	08-Jul-2019	20200073050	29-Dec-20	10877217
Rockley Photonics Limited	RPAT037US	OPTOELECTRONIC SWITCH	US	16487782	21-Feb-2018	20200314511	10-Aug-21	11089392
Rockley Photonics Limited	RPAT038US	MULTI-FIELD CLASSIFIER	US	15879065	24-Jan-2018	2018-0213067-A1	15-Sep-20	10778814
Rockley Photonics Limited	RPAT040US	OPTICAL MODULATOR	US	16496934	22-Mar-2018	20200089076	24-Aug-21	11099454
Rockley Photonics Limited	RPAT041US	OPTOELECTRONIC SWITCH WITH REDUCED FIBRE COUNT	US	16491561	05-Mar-2018	20210144456	1-Feb-22	11240572
Rockley Photonics Limited	RPAT042US	T-SHAPED ARRAYED WAVEGUIDE GRATING	US	15643399	06-Jul-2017	2018-0224603	26-Nov-19	10488589
Rockley Photonics Limited	RPAT042US(N1)	ARRAYED WAVEGUIDE GRATING WITH FREE PROPAGATION REGION MATCHING	US	16523987	26-Jul-2019	20190346622	23-Mar-21	10955613
Rockley Photonics Limited	RPAT042US(N2)	T-SHAPED ARRAYED WAVEGUIDE GRATING	US	16088387	08-Feb-2018	20190331853	14-Sep-21	11119273

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT045US	RELIABLE LASER LIGHT SOURCE	US	15946345	05-Apr-2018	2018-0294621	3-Sep-19	10404035
Rockley Photonics Limited	RPAT046US	LEAF SWITCH MODULE AND OPTOELECTRONIC SWITCH	US	16496337	22-Mar-2018	20200037055	2-Feb-21	10911846
Rockley Photonics Limited	RPAT047US	DRIVER FOR OPTICAL MODULATOR	US	15982928	17-May-2018	2018-0341125	24-Sep-19	10423016
Rockley Photonics Limited	RPAT049US	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	16007896	13-Jun-2018	20180366915	20-Oct-20	10811848
Rockley Photonics Limited	RPAT050US	OPTOELECTRONIC DEVICE	US	15700053	08-Sep-2017	-	20-Nov-18	10133094
Rockley Photonics Limited	RPAT050US(C1)	OPTOELECTRONIC DEVICE	US	16144994	27-Sep-2018	20190041667	3-Sep-19	10401656
Rockley Photonics Limited	RPAT050US(C2)	OPTOELECTRONIC DEVICE	US	16420096	22-May-2019	20190278111	16-Feb-21	10921616
Rockley Photonics Limited	RPAT053US	OPTICAL SCANNER AND DETECTOR	US	16022525	28-Jun-2018	2019-0004151	7-Sep-21	11112491
Rockley Photonics Limited	RPAT054US	OPTOELECTRONIC DEVICE	US	15700055	08-Sep-2017	20190011799	22-Jan-19	10185203
Rockley Photonics Limited	RPAT056US	INTEGRATED STRUCTURE AND MANUFACTURING METHOD THEREOF	US	16317171	13-Jul-2017	20190244866	15-Jun-21	11037839
Rockley Photonics Limited	RPAT057US	RECONFIGURABLE SPECTROSCOPY SYSTEM	US	16026953	03-Jul-2018	2019-0011639	9-Jun-20	10677989

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT057US(D1)	RECONFIGURABLE SPECTROSCOPY SYSTEM	US	16867372	05-May-2020	US-2020-0264377-A1	30-Mar-21	10962718
Rockley Photonics Limited	RPAT058US	SPECTROSCOPY SYSTEM WITH BEAT COMPONENT	US	16370861	29-Mar-2019	-	11-Aug-20	10739256
Rockley Photonics Limited	RPAT058US(C1)	SPECTROSCOPY SYSTEM WITH BEAT COMPONENT	US	16917550	30-Jun-2020	US2020-0333246 A1	6-Apr-21	10969334
Rockley Photonics Limited	RPAT059US	OPTOELECTRONIC MODULE PACKAGE	US	16056340	06-Aug-2018	20190044002	1-Feb-22	11239377
Rockley Photonics Limited	RPAT060US	MODULE WITH TRANSMIT AND RECEIVE OPTICAL SUBASSEMBLIES WITH SPECIFIC PIC COOLING ARCHITECTURE	US	16051237	31-Jul-2018	20190041576	1-Sep-20	10761262
Rockley Photonics Limited	RPAT060US(C1)	MODULE WITH TRANSMIT OPTICAL SUBASSEMBLY AND RECEIVE OPTICAL SUBASSEMBLY	US	16945569	31-Jul-2020	20200363585	1-Mar-22	11262498
Rockley Photonics Limited	RPAT061US	BROADBAND STAR COUPLER	US	16104083	16-Aug-2018	20190056551	3-Aug-21	11079547
Rockley Photonics Limited	RPAT063US	SCHOTTKY PHOTODETECTOR	US	16641142	20-Aug-2018	20200176627	24-May-22	11342475
Rockley Photonics Limited	RPAT064US	OPTICAL MODULATOR AND METHOD OF FABRICATING AN OPTICAL MODULATOR USING RARE EARTH OXIDE	US	16641128	21-Aug-2018	20200292854	30-Aug-22	11428962
Rockley Photonics Limited	RPAT065US	ELECTRO-ABSORPTION MODULATOR	US	16286533	26-Feb-2019	20190293971	17-Nov-20	10838240

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT066US	WAVEGUIDE MIRROR AND METHOD OF FABRICATING A WAVEGUIDE MIRROR	US	16368605	28-Mar-2019	20190302366	5-May-20	10641962
Rockley Photonics Limited	RPAT067US	OPTOELECTRONIC DEVICE	US	16281035	20-Feb-2019	20190258094	28-Dec-21	11209678
Rockley Photonics Limited	RPAT068US	OPTOELECTRONIC DEVICE INCLUDING ANTI-REFLECTIVE COATINGS AND METHOD OF MANUFACTURING THEREOF	US	16408381	09-May-2019	20190346704	17-Aug-21	11092825
Rockley Photonics Limited	RPAT069US	ELECTRO-OPTICALLY ACTIVE DEVICE	US	16463337	23-Nov-2017	20190377204	1-Jun-21	11022824
Rockley Photonics Limited	RPAT071US	OPTICAL MODULATOR AND METHOD OF USE	US	16494675	15-Mar-2018	20200099454	5-Apr-22	11296794
Rockley Photonics Limited	RPAT072US	POROUS SILICON SENSOR	US	16351331	12-Mar-2019	20190285552	7-Apr-20	10613033
Rockley Photonics Limited	RPAT074US	POLARIZATION ROTATOR WITH DIMENSIONED RIB WAVEGUIDE AND A POLARIZATION STABILIZER	US	16362528	22-Mar-2019	20190302361	2-Mar-21	10935724
Rockley Photonics Limited	RPAT075US	ELECTRO-OPTICAL PACKAGE AND METHOD OF FABRICATION	US	16382076	11-Apr-2019	20190317287	6-Jul-21	11054597
Rockley Photonics Limited	RPAT076US	OPTICAL ENGINE	US	16383309	12-Apr-2019	20190243164	17-May-22	11333907
Rockley Photonics Limited	RPAT077US	ELECTRO-OPTICAL PACKAGE AND METHOD OF FABRICATION	US	16393763	24-Apr-2019	20190333905	22-Dec-20	10872854
Rockley Photonics Limited	RPAT079US	INTEGRATION OF PHOTONIC COMPONENTS ON SOI PLATFORM	US	17055114	14-May-2019	20210271119	10-May-22	11327343

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT082US	METHOD OF FABRICATING AND OPTOELECTRONIC COMPONENT	US	16999789	21-Aug-2020	20210057874	27-Jul-21	11075498
Rockley Photonics Limited	RPAT083US	METHOD FOR III-V/SILICON HYBRID INTEGRATION	US	16532406	05-Aug-2019	20200041721	15-Jun-21	11036005
Rockley Photonics Limited	RPAT083US(N1)	METHOD FOR III-V/SILICON HYBRID INTEGRATION	US	17167065	03-Feb-2021	20210181437	5-Jul-22	11378762
Rockley Photonics Limited	RPAT084US	DAISY CHAIN CONTROL NETWORK WITH DATA GENERATORS AND TOKEN-FORWARDING CONNECTIONS	US	16566629	10-Sep-2019	20200081862	1-Jun-21	11023405
Rockley Photonics Limited	RPAT085US	OPTOELECTRONIC MODULATOR, PHOTONIC INTEGRATED CIRCUIT, AND METHOD	US	16667831	29-Oct-2019	20200133034	28-Dec-21	11209679
Rockley Photonics Limited	RPAT088US	PN-JUNCTION PHASE MODULATOR IN A LARGE SILICON WAVEGUIDE PLATFORM	US	16393889	24-Apr-2019	20200133091	6-Jul-21	11054674
Rockley Photonics Limited	RPAT089US	ROUTING PROTOCOL AND DISTRIBUTED ROUTER	US	16875886	15-May-2020	20210006495	30-Nov-21	11190447
Rockley Photonics Limited	RPAT091US	SWITCH WITH A SHUFFLE	US	16846213	10-Apr-2020	20200329288	30-Nov-21	11190860
Rockley Photonics Limited	RPAT093US	FAN-OUT PACKAGE WITH RABBET	US	16690054	20-Nov-2019	20200161243	12-Jul-22	11387186
Rockley Photonics Limited	RPAT097US	MEASUREMENT SYSTEM USING CAMERA	US	14843866	02-Sep-2015	-	13-Aug-19	10379219
Rockley Photonics Limited	RPAT099US	INTERPOSER	US	16899264	11-Jun-2020	20200400902	30-Aug-22	11428882

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT101US	ELECTRO-OPTICALLY ACTIVE DEVICE	US	16427247	30-May-2019	20190384073	10-Nov-20	10831043
Rockley Photonics Limited	RPAT120US	MULTILAYER METAL STACK HEATER	US	16900714	12-Jun-2020	20200393707	1-Mar-22	11262603
Rockley Photonics Limited	RPAT121US	FACEPLATE PLUGGABLE REMOTE LASER SOURCE AND SYSTEM INCORPORATING SAME	US	16988377	07-Aug-2020	20210044356	14-Sep-21	11121776
Rockley Photonics Limited	RPAT141US	CO-PACKAGED OPTICS AND TRANSCEIVER	US	16824609	19-Mar-2020	20200219865	30-Mar-21	10962728
Rockley Photonics Limited	RPAT171US	METHOD AND APPARATUS FOR IMPROVEMENT OF SPECTROMETER STABILITY, AND MULTIVARIATE CALIBRATION TRANSFER	US	11560361	16-Nov-2006	US2008/0120052	4-Nov-08	7446878
Rockley Photonics Limited	RPAT172US(N10)	SYSTEM FOR NONINVASIVE DETERMINATION OF ANALYTES IN TISSUE	US	13444989	12-Apr-2012	20120197096	20-May-14	8730047
Rockley Photonics Limited	RPAT172US(N3)	APPARATUSES FOR NONINVASIVE DETERMINATION OF IN VIVO ALCOHOL CONCENTRATION USING RAMAN SPECTROSCOPY	US	12107764	23-Apr-2008	20080208018	12-Nov-13	8581697
Rockley Photonics Limited	RPAT172US(N4)	METHODS FOR NONINVASIVE DETERMINATION OF IN VIVO ALCOHOL CONCENTRATION USING RAMAN SPECTROSCOPY	US	12107765	23-Apr-2008	20090234204	20-Aug-13	8515506
Rockley Photonics Limited	RPAT172US(N5)	APPARATUS AND METHODS FOR MITIGATING THE EFFECTS OF FOREIGN INTERFERENTS ON ANALYTE	US	11305964	19-Dec-2005	20070142720	13-Jul-10	7756558

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
		MEASUREMENTS IN SPECTROSCOPY						
Rockley Photonics Limited	RPAT172US(N6)	APPARATUS AND METHOD FOR NONINVASIVELY MONITORING FOR THE PRESENCE OF ALCOHOL OR SUBSTANCES OF ABUSE IN CONTROLLED ENVIRONMENTS	US	11515565	05-Sep-2006	20070073118	10-Nov-09	7616123
Rockley Photonics Limited	RPAT172US(N7)	APPARATUS AND METHOD FOR CONTROLLING OPERATION OF VEHICLES OR MACHINERY BY INTOXICATED OR IMPAIRED INDIVIDUALS	US	11393341	30-Mar-2006	20060173256	10-Jan-12	8095193
Rockley Photonics Limited	RPAT172US(N8)	METHOD OF MAKING OPTICAL PROBES FOR NON-INVASIVE ANALYTE MEASUREMENTS	US	12185224	04-Aug-2008	20090003764	7-Dec-10	7848605
Rockley Photonics Limited	RPAT172US(N9)	SYSTEM FOR NONINVASIVE DETERMINATION OF ANALYTES IN TISSUE	US	12562050	17-Sep-2009	20100010325	8-May-12	8174394
Rockley Photonics Limited	RPAT021US(N1)	DISCRETE WAVELENGTH TUNABLE LASER	US	16889656	01-Jun-2020	20200295537	-	-
Rockley Photonics Limited	RPAT025US(C3)	OPTOELECTRONIC DEVICE AND ARRAY THEREOF	US	17199352	11-Mar-2021	20210199995	-	ABANDONED
Rockley Photonics Limited	RPAT039US	AVALANCHE PHOTODIODE STRUCTURE	US	16613739	15-May-2018	20210175384	-	-
Rockley Photonics Limited	RPAT039US(N1)	AVALANCHE PHOTODIODE STRUCTURE	US	17573589	11-Jan-2022	20220140157	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT049US(C1)	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	17022901	16-Sep-2020	20200412103	-	ABANDONED
Rockley Photonics Limited	RPAT049US(C2)	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	17104929	25-Nov-2020	20210083457	-	ABANDONED
Rockley Photonics Limited	RPAT049US(C3)	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	17172033	09-Feb-2021	20210167583	-	ABANDONED
Rockley Photonics Limited	RPAT049US(C4)	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	17327508	21-May-2021	20210281051	-	ABANDONED
Rockley Photonics Limited	RPAT049US(C5)	BROADBAND ARBITRARY WAVELENGTH MULTI-CHANNEL LASER SOURCE	US	17519412	04-Nov-2021	20220059996	-	-
Rockley Photonics Limited	RPAT049US(N1)	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	17675512	18-Feb-2022	20220200244	-	-
Rockley Photonics Limited	RPAT049US(P)	BROADBAND ARBITRARY WAVELENGTH MULTICHANNEL LASER SOURCE	US	62519754	14-Jun-2017	20220059996	-	-
Rockley Photonics Limited	RPAT052US(C1)	OPTOELECTRONIC DEVICE AND ARRAY THEREOF	US	16985008	04-Aug-2020	20200363663	-	ABANDONED
Rockley Photonics Limited	RPAT052US(C2)	OPTOELECTRONIC DEVICE AND ARRAY THEREOF	US	17098290	13-Nov-2020	20210080761	-	ABANDONED
Rockley Photonics Limited	RPAT053US(C1)	OPTICAL SCANNER AND DETECTOR	US	17395252	05-Aug-2021	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT055US(C3)	ATHERMALIZED MULTI-PATH INTERFERENCE FILTER	US	16986076	05-Aug-2020	20200371291	-	ABANDONED
Rockley Photonics Limited	RPAT055US(C4)	ATHERMALIZED MULTI-PATH INTERFERENCE FILTER	US	17073132	16-Oct-2020	20210055479	-	ABANDONED
Rockley Photonics Limited	RPAT055US(C5)	ATHERMALIZED MULTI-PATH INTERFERENCE FILTER	US	17150950	15-Jan-2021	20210215881	-	ABANDONED
Rockley Photonics Limited	RPAT055US(C6)	ATHERMALIZED MULTI-PATH INTERFERENCE FILTER	US	17216538	29-Mar-2021	20210215881	-	-
Rockley Photonics Limited	RPAT056US(C1)	INTEGRATED STRUCTURE AND MANUFACTURING METHOD THEREOF	US	17324953	19-May-2021	20210335677	-	-
Rockley Photonics Limited	RPAT059US(C1)	OPTOELECTRONIC MODULE PACKAGE	US	17550924	14-Dec-2021	20220109075	-	-
Rockley Photonics Limited	RPAT059US(N1)	OPTOELECTRONIC MODULE PACKAGE	US	17732471	28-Apr-2022	-	-	-
Rockley Photonics Limited	RPAT059US(P)	OPTOELECTRONIC MODULE PACKAGE	US	62542074	07-Aug-2017	20220262962	-	-
Rockley Photonics Limited	RPAT066US(C1)	WAVEGUIDE MIRROR AND METHOD OF FABRICATING A WAVEGUIDE MIRROR	US	16866419	04-May-2020	20200264372	-	-
Rockley Photonics Limited	RPAT067US(C1)	OPTOELECTRONIC DEVICE	US	17540782	02-Dec-2021	20220163824	-	-
Rockley Photonics Limited	RPAT071US(N1)	OPTICAL MODULATOR AND METHOD OF USE	US	17712036	01-Apr-2022	20220229340	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT073US	DISTRIBUTED FEEDBACK LASER	US	16826122	20-Mar-2020	20200303891	-	-
Rockley Photonics Limited	RPAT078US	III-V/SI HYBRID OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE	US	17055541	15-May-2019	20210111301	-	-
Rockley Photonics Limited	RPAT079US(C1)	INTEGRATION OF PHOTONIC COMPONENTS ON SOI PLATFORM	US	17738945	06-May-2022	20220260863	-	-
Rockley Photonics Limited	RPAT080US	EFFICIENT AND FAST HEATERS WITH THERMAL ISOLATION	US	17054486	10-Nov-2020	20210191163	-	-
Rockley Photonics Limited	RPAT081US	WAVEGUIDE TYPE PHOTODETECTOR AND METHOD OF MANUFACTURE THEREOF	US	17059088	29-May-2019	20210234058	-	-
Rockley Photonics Limited	RPAT083US(C1)	METHOD FOR III-V/SILICON HYBRID INTEGRATION	US	17856864	01-Jul-2022	-	-	-
Rockley Photonics Limited	RPAT083US(N2)	METHOD FOR III-V/SILICON HYBRID INTEGRATION	US	17858021	05-Jul-2022	-	-	-
Rockley Photonics Limited	RPAT086US	OPTICAL COMPONENTS FOR IMAGING	US	17428580	06-Feb-2020	20220283308	-	-
Rockley Photonics Limited	RPAT087US	OPTICAL COMPONENTS FOR SCANNING LIDAR	US	17428594	06-Feb-2020	20220128666	-	-
Rockley Photonics Limited	RPAT088US(C1)	PN-JUNCTION PHASE MODULATOR IN A LARGE SILICON WAVEGUIDE PLATFORM	US	17352223	18-Jun-2021	20210311335	-	ABANDONED
Rockley Photonics Limited	RPAT090US	OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE THEREOF	US	17312335	09-Dec-2019	20220050247	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT092US	PHOTONIC BURIED INTERPOSER	US	17296211	31-Mar-2020	20220011509	-	-
Rockley Photonics Limited	RPAT094US	WDM RECEIVER AND METHOD OF OPERATION THEREOF	US	17418669	18-Dec-2019	20220077950	-	-
Rockley Photonics Limited	RPAT095US	OPTOELECTRONIC DEVICE AND METHOD	US	17417296	18-Dec-2019	20220075213	-	-
Rockley Photonics Limited	RPAT096US(N1)	OPTICAL PHASED ARRAY FOURIER TRANSFORM PROCESSOR	US	16779526	31-Jan-2020	20200209909	-	-
Rockley Photonics Limited	RPAT098US	OPTICAL ENGINE	US	16836815	31-Mar-2020	20200225430	-	-
Rockley Photonics Limited	RPAT100US	WAVEGUIDE PLATFORM	US	17798821	10-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT102US	ELECTRO-OPTIC MODULATOR	US	17629299	23-Jul-2020	20220244581	-	-
Rockley Photonics Limited	RPAT111US	METHOD OF MANUFACTURING A III-V BASED OPTOELECTRONIC DEVICE	US	17002722	25-Aug-2020	20210066537	-	-
Rockley Photonics Limited	RPAT112US	SILICONIZED HETEROGENEOUS OPTICAL ENGINE	US	17641418	08-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT113US	OPTICAL MODULATOR AND METHOD OF FABRICATING AN OPTICAL MODULATOR	US	17753193	25-Aug-2020	20220276512	-	-
Rockley Photonics Limited	RPAT114US	THROUGH MOLD VIA FRAME	US	17597473	06-Jan-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT115US	SILICON PHOTONIC INTERPOSER WITH TWO METAL REDISTRIBUTION LAYERS	US	17596252	05-Dec-2020	20220310540	-	-
Rockley Photonics Limited	RPAT116US	OPTICAL RING MODULATOR	US	17753231	25-Aug-2020	20220291531	-	-
Rockley Photonics Limited	RPAT117US	LINEARIZED MODULATOR	US	17753241	25-Aug-2020	20220299836	-	-
Rockley Photonics Limited	RPAT118US	OPTICAL ISOLATOR	US	17595702	22-May-2020	20220244584	-	-
Rockley Photonics Limited	RPAT119US	OPTICAL MODULATOR	US	17753276	25-Aug-2020	-	-	-
Rockley Photonics Limited	RPAT122US	TRANSFER DIE FOR MICRO-TRANSFER PRINTING	US	17904583	18-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT124US	OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURING AN OPTOELECTRONIC DEVICE	US	17640994	07-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT125US	OPTICAL MODE SPLITTER	US	16880926	21-May-2020	20210364698	-	-
Rockley Photonics Limited	RPAT126US	INTEGRATED SELF-ALIGNED ASSEMBLY	US	17504125	18-Oct-2021	20220122924	-	-
Rockley Photonics Limited	RPAT127US	PACKAGING OF THREE-DIMENSIONAL INTEGRATED CIRCUIT BY ENCAPSULATION WITH COPPER POSTS AND DOUBLE SIDED REDISTRIBUTION LAYER	US	17757823	21-Jun-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT129US	INTEGRATED III-V / SILICON OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE THEREOF	US	17104670	25-Nov-2020	20210181546	-	-
Rockley Photonics Limited	RPAT130US	OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE THEREOF	US	17092151	06-Nov-2020	20210141172	-	-
Rockley Photonics Limited	RPAT131US	OPTICAL MULTIPLEXER	US	17755969	12-May-2022	-	-	-
Rockley Photonics Limited	RPAT133US	DEMULTIPLEXER	US	17793914	19-Jul-2022	-	-	-
Rockley Photonics Limited	RPAT134US	GROWTH DEFECT REDUCTION AT GRATING TRANSITION	US	17756808	02-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT137US	FREQUENCY SHIFTER FOR HETERODYNE INTERFEROMETRY MEASUREMENTS AND DEVICE FOR HETERODYNE INTERFEROMETRY MEASUREMENTS HAVING SUCH A FREQUENCY SHIFTER	US	17757048	08-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT138US	OPTICAL DEVICE FOR HETERODYNE INTERFEROMETRY	US	17757037	08-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT139US	HYBRID INTEGRATION PROCESS AND DEVICES	US	17318834	12-May-2021	20210356663	-	-
Rockley Photonics Limited	RPAT140US	SOURCE WAFER AND METHOD PREPARATION THEREOF	US	17791524	-	-	-	-
Rockley Photonics Limited	RPAT142US	SWITCH ASSEMBLY	US	17909344	05-Mar-2021			

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT143US	PHOTONIC MODULE AND METHOD OF MANUFACTURE	US	17798525	09-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT145US	DEVICE COUPON AND METHOD OF FABRICATION THEREOF	US	17203274	16-Mar-2021	20210311256	-	-
Rockley Photonics Limited	RPAT147US	SILICON GRATING WITH AMORPHOUS SILICON PERTURBATION	US	17230864	14-Apr-2021	20210325609	-	-
Rockley Photonics Limited	RPAT153US	OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE THEREOF	US	17364837	30-Jun-2021	20220013988	-	-
Rockley Photonics Limited	RPAT154US	ENHANCED BANDWIDTH INTERCONNECT	US	17362892	29-Jun-2021	20220013879	-	-
Rockley Photonics Limited	RPAT155US(N1)	METHOD, DEVICE WAFER, AND OPTOELECTRONIC DEVICE	US	17733947	29-Apr-2022	-	-	-
Rockley Photonics Limited	RPAT156US	OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE THEREOF	US	17439297	12-Nov-2020	20220155521	-	-
Rockley Photonics Limited	RPAT156US(N1)	OPTOELECTRONIC DEVICE AND METHOD OF MANUFACTURE THEREOF	US	17748639	19-May-2022	20220276438	-	-
Rockley Photonics Limited	RPAT162US	ELECTRO-OPTICAL PACKAGE AND METHOD OF FABRICATION	US	17550886	14-Dec-2021	20220189841	-	-
Rockley Photonics Limited	RPAT165US	CURVILINEAR DESIGN ADJUSTMENT AT ACUTE-ANGLED TIP	US	17512374	27-Oct-2021	20220138392	-	-
Rockley Photonics Limited	RPAT166US	OPTICAL SENSING MODULE	US	17757130	09-Jun-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT166US(C1)	OPTICAL SENSING MODULE	US	17806254	09-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT167US	COUPON WAFER AND METHOD OF PREPARATION THEREOF	US	17911111	16-Mar-2021			
Rockley Photonics Limited	RPAT176US	THERMOSONIC BONDING FOR SECURING PHOTONIC COMPONENTS	US	17839405	13-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT179US	OPTICAL OUT-COUPLER UNIT FOR OUT-COUPLING LIGHT FROM A WAVEGUIDE	US	17744108	13-May-2022	-	-	-
Rockley Photonics Limited	RPAT179US(P)	OPTICAL OUT-COUPLER UNIT FOR OUT-COUPLING LIGHT FROM A WAVEGUIDE	US	63188359	13-May-2021	-	-	-
Rockley Photonics Limited	RPAT180US(P)	MINIMIZING PHASE VARIATION FOR INCREASING YIELD OF INTEGRATED UNBALANCED MACH-ZEHNDER INTERFEROMETERS	US	63175518	15-Apr-2021	-	-	-
Rockley Photonics Limited	RPAT182US	HIGHER ORDER MODE FILTER	US	17687144	04-Mar-2022	20220283367	-	-
Rockley Photonics Limited	RPAT183US	WAVEGUIDE FACET INTERFACE	US	17687068	04-Mar-2022	20220283365	-	-
Rockley Photonics Limited	RPAT184US	COMPACT WAVEGUIDE TAPER AND WAVEGUIDE CROSSING	US	17684265	01-Mar-2022	20220283369	-	-
Rockley Photonics Limited	RPAT186US	OPTOELECTRONIC DEVICE AND ARRAY THEREOF	US	17349835	16-Jun-2021	20210311333	-	-
Rockley Photonics Limited	RPAT188US	WAVEGUIDE HEATER	US	17695451	15-Mar-2022	20220299704	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT190US(P)	INTEGRATED REDUCED COHERENCE-LENGTH LASER	US	63186704	10-May-2021	-	-	-
Rockley Photonics Limited	RPAT190US(P)	INTEGRATED REDUCED-COHERENCE-LENGTH LASER	US	63309316	11-Feb-2022	-	-	-
Rockley Photonics Limited	RPAT190US(P3)	INTEGRATED REDUCED-COHERENCE-LENGTH LASER	US	63328529	07-Apr-2022	-	-	-
Rockley Photonics Limited	RPAT191US(P)	TRANSMITTER PHOTONIC INTEGRATED CIRCUIT	US	63215345	25-Jun-2021	-	-	-
Rockley Photonics Limited	RPAT192US	PHASE SHIFT KEYING MODULATOR	US	17711965	01-Apr-2022	20220317539	-	-
Rockley Photonics Limited	RPAT192US(N1)	PHASE SHIFT KEYING MODULATOR	US	17734962	02-May-2022	20220326588	-	-
Rockley Photonics Limited	RPAT192US(P)	III-V/SOI HYBRID DP-QPSK MODULATORS FABRICATED BY MTP TECHNOLOGY	US	63170990	05-Apr-2021	-	-	-
Rockley Photonics Limited	RPAT193US	SEMICONDUCTOR PHOTODIODE	US	17862338	11-Jul-2022	-	-	-
Rockley Photonics Limited	RPAT194US	OPTICAL INSTRUMENT AND METHOD FOR DETERMINING A WAVELENGTH OF LIGHT GENERATED BY AN LIGHT SOURCE, AND OPTICAL SYSTEM COMPRISING THE OPTICAL INSTRUMENT	US	17743427	12-May-2022	-	-	-
Rockley Photonics Limited	RPAT194US(N1)	OPTICAL INSTRUMENT AND METHOD FOR DETERMINING A WAVELENGTH OF LIGHT GENERATED BY A LIGHT SOURCE, AND OPTICAL	US	17832509	03-Jun-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
		SYSTEM COMPRISING THE OPTICAL INSTRUMENT						
Rockley Photonics Limited	RPAT194US(P)	HIGH SPEED, ACOUSTO-OPTIC LASER FREQUENCY DISCRIMINATOR	US	63188390	13-May-2021	-	-	-
Rockley Photonics Limited	RPAT195US	BONDING FIXTURE	US	17742095	11-May-2022	-	-	-
Rockley Photonics Limited	RPAT195US(P)	GLASS BONDING FIXTURE FOR III-V ON SILICON PIC	US	63187845	12-May-2021	-	-	-
Rockley Photonics Limited	RPAT196US	LASER WITH WAVELENGTH-SELECTIVE REFLECTOR	US	17829030	31-May-2022	-	-	-
Rockley Photonics Limited	RPAT196US(P)	A CHIP-SCALE EXTERNAL CAVITY LASER BASED ON ECHELLE GRATING REFLECTOR	US	63195636	01-Jun-2021	-	-	-
Rockley Photonics Limited	RPAT197US	SENSING SYSTEM	US	17850881	27-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT197US(P)	SENSING SYSTEM WITH LIDAR AND SPECTROSCOPIC SENSOR	US	63215925	28-Jun-2021	-	-	-
Rockley Photonics Limited	RPAT198US	Source wafer, method, and optoelectronic devices	US	17938282	05-Oct-2022			
Rockley Photonics Limited	RPAT199US	Photonic pressure sensor	US	17938328	05-Oct-2022			
Rockley Photonics Limited	RPAT200US	PHOTONIC INTEGRATED CIRCUIT	US	17814787	25-Jul-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT200US(P)	PHOTONIC INTEGRATED CIRCUIT	US	63227227	29-Jul-2021	-	-	-
Rockley Photonics Limited	RPAT201US	PHOTODIODE FOR WEARABLE DEVICES	US	17816900	02-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT201US(P)	PHOTODIODE FOR WEARABLE DEVICES	US	63229431	04-Aug-2021	-	-	-
Rockley Photonics Limited	RPAT202US(P)	ARCHITECTURE OF A PHOTONIC INTEGRATED CIRCUIT (PIC) AND METHOD OF OPERATING THE SAME	US	63280989	18-Nov-2021	-	-	-
Rockley Photonics Limited	RPAT203US	OPTICAL SPECKLE RECEIVER	US	17703920	24-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT203US(C1)	OPTICAL SPECKLE RECEIVER	US	17822419	25-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT203US(P)	OPTICAL RECEIVER	US	63243021	10-Sep-2021	-	-	-
Rockley Photonics Limited	RPAT204US	SYSTEM AND METHOD FOR POSITIONING A SENSOR ON A SUBJECT	US	17817321	03-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT204US(P)	SYSTEM FOR METHOD FOR SENSING BIOMARKERS	US	63230590	06-Aug-2021	-	-	-
Rockley Photonics Limited	RPAT205US	HEALTH STATE ESTIMATION USING MACHINE LEARNING	US	17823505	30-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT205US(P)	HEALTH STATE ESTIMATION USING MACHINE LEARNING	US	63239857	01-Sep-2021	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT207US	METHOD OF SELF-CALIBRATION FROM UNLABELED DATA	US	17886409	11-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT207US(P)	METHOD OF SELF-CALIBRATION FROM UNLABELLED DATA	US	63253054	06-Oct-2021	-	-	-
Rockley Photonics Limited	RPAT208US(P)	SPECTROSCOPIC SENSOR FOR MACHINES	US	63315776	02-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT209US	OPTOELECTRONIC DEVICE	US	17848328	23-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT209US(P)	COUPLING FOR EAM AND DFB LASER	US	63247297	22-Sep-2021	-	-	-
Rockley Photonics Limited	RPAT210US(P)	POLARIZATION SPLITTER AND ROTATOR	US	63322012	21-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT211US	SYSTEMS AND METHODS FOR IMPROVED SENSOR ALGORITHMS	US	17937444	30-Sep-2022	-	-	-
Rockley Photonics Limited	RPAT211US(P)	SYSTEMS AND METHODS FOR IMPROVED SENSOR ALGORITHMS	US	63251444	01-Oct-2021	-	-	-
Rockley Photonics Limited	RPAT211US(P2)	SYSTEMS AND METHODS FOR IMPROVED SENSOR ALGORITHMS	US	63291282	17-Dec-2021	-	-	-
Rockley Photonics Limited	RPAT212US(P)	COMPUTER-IMPLEMENTED METHOD FOR A WEARABLE DEVICE	US	63279633	15-Nov-2021	-	-	-
Rockley Photonics Limited	RPAT213US	OPTICAL SENSOR MODULE	US	17711974	01-Apr-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT213US(C1)	OPTICAL SENSOR MODULE	US	17934502	22-Sep-2022	-	-	-
Rockley Photonics Limited	RPAT213US(P)	A COMBINED OPTICAL SENSOR MODULE	US	63279932	16-Nov-2021	-	-	-
Rockley Photonics Limited	RPAT214US(P)	DEFORMABLE MEMBRANE REFLECTOR	US	63280993	18-Nov-2021	-	-	-
Rockley Photonics Limited	RPAT215US(P)	MODULE-SKIN INTERFACE	US	63280996	18-Nov-2021	-	-	-
Rockley Photonics Limited	RPAT216US(P)	WAVELENGTH MONITORING AND CONTROL ON A PHOTONIC INTEGRATED CIRCUIT	US	63283375	26-Nov-2021	-	-	-
Rockley Photonics Limited	RPAT217US(P)	INTEGRATION OF MULTI-MODE DEMUX WITH SINGLE-MODE HSPD THROUGH MULTI-MODE POWER SPLITTER	US	63291814	20-Dec-2021	-	-	-
Rockley Photonics Limited	RPAT218US(P)	FABRI-PEROT BASED MULTI RESONANT CAVITY TUNABLE LASER	US	63292341	21-Dec-2021	-	-	-
Rockley Photonics Limited	RPAT219US(P)	INTERLEAVED EG-BASED BROADBAND MULTIPLEXING	US	63292346	21-Dec-2021	-	-	-
Rockley Photonics Limited	RPAT220US(P)	COHERENT QPSK TRANSMITTER WITH HETEROGENEOUS III-V U-BEND EAMS AND COHERENT QPSK RECEIVER IMPLEMENTED IN A MULTI-MICRON SILICON PHOTONICS PLATFORM WITH 4X4 MMI	US	63300926	19-Jan-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT221US(P)	FORK COUPLER	US	63377693	29-Sep-2022	-	-	-
Rockley Photonics Limited	RPAT222US(P)	SYSTEM FOR SPECTROMETRY AND SPECTROPHOTOMETRY	US	63346300	26-May-2022	-	-	-
Rockley Photonics Limited	RPAT223US(P)	HUMAN-COMPUTER INTERACTION DEVICE OR SYSTEM WITH SENSOR	US	63321328	18-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT224US(P)	INTEGRATION SOLUTIONS FOR ISVS	US	63324103	27-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT225US(P)	BEAM STEERING WITH RANDOM DIFFUSERS FOR SPECKLE NOISE MITIGATION IN MULTIPLEXED LASER SPECTROSCOPY	US	63324270	28-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT226US(P)	PIC WITH INTEGRATED GRIN LENSES	US	63325934	31-Mar-2022	-	-	-
Rockley Photonics Limited	RPAT227US(P)	DIALYSIS MONITORING SYSTEM	US	63337552	02-May-2022	-	-	-
Rockley Photonics Limited	RPAT228US(P)	DIALYSIS MONITORING SYSTEM WITH WEARABLE DEVICE	US	63337525	02-May-2022	-	-	-
Rockley Photonics Limited	RPAT229US(P)	ECHELLE GRATINGS WITH A SHARED FREE PROPAGATION REGION	US	63366050	08-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT230US(P)	TEST PART WITH ALIGNMENT OFFSET FOR CHARACTERIZING ALIGNMENT ERRORS	US	63345284	24-May-2022	-	-	-
Rockley Photonics Limited	RPAT231US(P)	FOLDED MACH-ZEHNDER INTERFEROMETER	US	63346297	26-May-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT232US(P)	DEVICE COUPON AND OPTOELECTRONIC DEVICE	US	63395718	05-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT233US(P)	CALIBRATION METHOD AND APPARATUS FOR OPTICAL SENSOR	US	63351316	10-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT234US(P)	SPECKLE MITIGATION USING AN ARRAY OF SUSPENDED SI NANO-BEAMS	US	63366186	10-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT235US(P)	SURFACE RELIEVED NANOSTRUCTURE FOR LASER SPECKLE NOISE MITIGATION	US	63351288	10-Jun-2022	-	-	-
Rockley Photonics Limited	RPAT236US(P)	LASER	US	63402637	31-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT237US(P)	WEARABLE DEVICE	US	63371732	17-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT237US(P2)	WEARABLE BAND	US	63373853	29-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT238US(P)	INTEGRATED MIRROR WITH INSITU MONITOR	US	63374692	06-Sep-2022	-	-	-
Rockley Photonics Limited	RPAT239US(P)	OPTICAL INTERFACE WITH DEFORMABLE MIRROR	US	63400713	24-Aug-2022	-	-	-
Rockley Photonics Limited	RPAT241US(P)	STAMP	US	63378044	30-Sep-2022	-	-	-
Rockley Photonics Limited	RPAT242US(P)	Method of micro-transfer printing	US	63380361	20-Oct-2022	-	-	-

OWNER	ROCKLEY REF	TITLE	COUNTRY	APPLICATION NUMBER	DATE FILED	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
Rockley Photonics Limited	RPAT244US(P)	Two-module wearable device	US	63379282	12-Oct-2022	-	-	-
Rockley Photonics Limited	RPAT245US(P)	Repositionable volar module	US	63413181	04-Oct-2022	-	-	-
Rockley Photonics Limited	RPDP001US	WEARABLE ELECTRONIC DEVICE (DESIGN PATENT)	US	29850201	17-Aug-2022	-	-	-

Acknowledgement of Trademark Security Interest that was recorded with the United States Patent and Trademark Office on October 25, 2022 at Reel/Frame 7876/0634, as follows:

TRADEMARKS

Owner	Jurisdiction Name	Mark Text	Application Number	Application Date	Granted Right Number	Grant Date	Class
Rockley Photonics Limited	United States of America	BIOPTIX	Not Yet Known	17/05/2022			10, 42
Rockley Photonics Limited	United States of America	CLINIC-ON-THE-WRIST	Not Yet Known	17/05/2022			9, 10, 42
Rockley Photonics Limited	United States of America	ROCKLEY	Not Yet Known	25/07/2022			9, 35, 42, 45
Rockley Photonics Limited	United States of America	RayDriver	79280138	09/12/2019	6263403	09/02/2021	9, 42
Rockley Photonics Limited	United States of America	ROCKLEY	79312601	19/09/2016	5382684	16/10/2018	9, 42
Rockley Photonics Limited	United States of America	ROCKLEY	90732561	25/05/2021			9, 10, 42
Rockley Photonics Limited	United States of America	TOPANGA	79222674	18/08/2017	5512754	04/09/2018	9, 42
Rockley Photonics Limited	United States of America	VITALSPEX	97330843	25/03/2022			9, 42