506389568 12/07/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6436324

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ADAM T. GARELLI	11/20/2020
PAUL X. WANG	12/02/2020
POOJA B. PATEL	12/02/2020
NICHOLAS A. RUNDLE	11/20/2020
ERIC R. PRATHER	11/20/2020
SIMON S. LEE	12/07/2020

#### **RECEIVING PARTY DATA**

Name:	APPLE INC.
Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17112904

#### **CORRESPONDENCE DATA**

Fax Number: (844)670-6009

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: (408)701-6200

SVDocketing@dickinson-wright.com, Email:

LSoutham@dickinson-wright.com

**Correspondent Name: DICKINSON WRIGHT RLLP** Address Line 1: ATTN: SV DOCKETING

Address Line 2: P.O. BOX 569

Address Line 4: **CUPERTINO, CALIFORNIA 95015** 

ATTORNEY DOCKET NUMBER:	P48765US1/29620US.1
NAME OF SUBMITTER:	CHAD E. EIMERS
SIGNATURE:	/Chad E. Eimers/
DATE SIGNED:	12/07/2020

**PATENT** REEL: 054569 FRAME: 0597 506389568

# Total Attachments: 6 source=P48765US1\_ASN#page1.tif source=P48765US1\_ASN#page2.tif source=P48765US1\_ASN#page3.tif source=P48765US1\_ASN#page4.tif source=P48765US1\_ASN#page5.tif source=P48765US1\_ASN#page6.tif

PATENT REEL: 054569 FRAME: 0598

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

## ELECTRONIC DEVICE WITH A THERMAL AND EMI SHIELD

Typed Name: Adam T. GARELLI	
Signature: / dhun Holli	/ Nov 20, 2020
Signed on the date indicated beside my signature.	
6) Authorize and request my attorney/agent to insert above with recordal of this assignment.	the application No. in order to assist
5) Warrant and represent that I have not entered and will no contract, or understanding that conflicts with this assignment.	ot enter into any assignment,
4) Agree that the terms, covenants and conditions of this as the ASSIGNEE, its successors, assigns and other legal represent inventor, as well as the inventor's heirs, legal representatives an	tatives, and shall be binding upon the
3) Agree to execute all papers and documents and, entirely perform any acts which are reasonably necessary in connection application, as well as any derivative applications thereof, foreign the enforcement of patents resulting from such applications.	with the prosecution of said
2) Authorize and request the Commissioner of Patents to is resulting from said application or any divisional, continuation, crenewal, re-examination or reissue thereof to the ASSIGNEE.	
1) Sell, assign and transfer to Apple Inc., a California corporate One Apple Park Way, Cupertino, CA 95014 ("ASSIGNEE"), the above-referenced application, any and all improvements and well as concurrent applications, applications having priority claim applications thereof, foreign or Patent Cooperation Treaty ("PC at least in part thereon, and any and all patents resulting from supplements and the right to claim priority).	ne entire right, title and interest to I inventions disclosed therein, as ms to/from, any derivative I'") applications based in whole or
For good and valuable consideration, the receipt and suf acknowledged, I, an undersigned inventor, hereby:	ficiency of which is hereby
(Atty. Docket No. P48765US1/29620US.1)  for which I have executed an application on even date he  which bears application No. 17/112,904  which is a U.S. provisional application.	erewith. 

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

## ELECTRONIC DEVICE WITH A THERMAL AND EMI SHIELD

perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.  4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the
the enforcement of patents resulting from such applications.
Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said
2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any divisional, continuation, design application, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
Sell, assign and transfer to Apple Inc., a California corporation having a place of business at One Apple Park Way, Cupertino, CA 95014 ("ASSIGNEE"), the entire right, title and interest to the above-referenced application, any and all improvements and inventions disclosed therein, as well as concurrent applications, applications having priority claims to/from, any derivative applications thereof, foreign or Patent Cooperation Treaty ("PCT") applications based in whole or at least in part thereon, and any and all patents resulting from such applications (including foreign patents and the right to claim priority).
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:
for which I have executed an application on even date herewith.    Which bears application No. 17/112,904

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

## ELECTRONIC DEVICE WITH A THERMAL AND EMI SHIELD

(Atty. Docket No. P48765US1/29620US.1)
for which I have executed an application on even date herewith.
which bears application No. 17/112,904
Winch is a C.S. provisional application.
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:
1) Sell, assign and transfer to Apple Inc., a California corporation having a place of business at One Apple Park Way, Cupertino, CA 95014 ("ASSIGNEE"), the entire right, title and interest to the above-referenced application, any and all improvements and inventions disclosed therein, as well as concurrent applications, applications having priority claims to/from, any derivative applications thereof, foreign or Patent Cooperation Treaty ("PCT") applications based in whole or at least in part thereon, and any and all patents resulting from such applications (including foreign patents and the right to claim priority).
2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any divisional, continuation, design application, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.
Signed on the date indicated beside my signature.
Q. <del>Q. </del>
Signature: / / Dec 2, 2020
Signature: / / Date: Dec 2, 2020 Typed Name: Pooja B. PATEL

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

## ELECTRONIC DEVICE WITH A THERMAL AND EMI SHIELD

(Atty. Docket No. P48765US1/29620US.1)  for which I have executed an application on even date herewith.  Which bears application No. 17/112,904  which is a U.S. provisional application.
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:
1) Sell, assign and transfer to Apple Inc., a California corporation having a place of business at One Apple Park Way, Cupertino, CA 95014 ("ASSIGNEE"), the entire right, title and interest to the above-referenced application, any and all improvements and inventions disclosed therein, as well as concurrent applications, applications having priority claims to/from, any derivative applications thereof, foreign or Patent Cooperation Treaty ("PCT") applications based in whole or at least in part thereon, and any and all patents resulting from such applications (including foreign patents and the right to claim priority).
2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any divisional, continuation, design application, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.
Signed on the date indicated beside my signature.
Signature: / Date: Nov 20, 2020 Typed Name: Nicholas A. RUNDLE

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

## ELECTRONIC DEVICE WITH A THERMAL AND EMI SHIELD

(Atty. Docket No. P48765US1/29620US.1) for which I have executed an application on even date herewith.
which bears application No. 17/112,904
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:
One Apple Park Way, Cupertino, CA 95014 ("ASSIGNEE"), the entire right, title and interest to the above-referenced application, any and all improvements and inventions disclosed therein, as well as concurrent applications, applications having priority claims to/from, any derivative applications thereof, foreign or Patent Cooperation Treaty ("PCT") applications based in whole or at least in part thereon, and any and all patents resulting from such applications (including foreign patents and the right to claim priority).
2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any divisional, continuation, design application, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.
Signed on the date indicated beside my signature.
Signature: / Back / Date: Nov 20, 2020 Typed Name: Eric R. PRATHER

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

## ELECTRONIC DEVICE WITH A THERMAL AND EMI SHIELD

(Atty. Docket No. P48765US1/29620US.1) for which I have executed an application on even date herewith.
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:
1) Sell, assign and transfer to Apple Inc., a California corporation having a place of business at One Apple Park Way, Cupertino, CA 95014 ("ASSIGNEE"), the entire right, title and interest to the above-referenced application, any and all improvements and inventions disclosed therein, as well as concurrent applications, applications having priority claims to/from, any derivative applications thereof, foreign or Patent Cooperation Treaty ("PCT") applications based in whole or at least in part thereon, and any and all patents resulting from such applications (including foreign patents and the right to claim priority).
2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any divisional, continuation, design application, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.
Signed on the date indicated beside my signature.
Signature: / Dec 7, 2020 Typed Name: Simon S. LEE

v1.1

(Atty. Docket No. P48765US1/29620US.1)