

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5016570

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| BRETT W. DEGNER | 06/01/2018 |
| ERIC R. PRATHER | 06/15/2018 |
| WILLIAM K. SMITH | 05/31/2018 |
| ANTHONY JOSEPH AIELLO | 06/15/2018 |
| JESSE T. DYBENKO | 06/15/2018 |
| ARASH NAGHIB LAHOUTI | 06/15/2018 |
| KRISTOPHER P. LAURENT | 06/18/2018 |
| 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: | 15994753 |
| CORRESPONDENCE DATA | |
| Fax Number: | (844)670-6009 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Phone: | (408) 701-6200 |
| Email: | SVDocketing@dickinson-wright.com, ROrlando@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: | P35184US1/27630US.1 |
| NAME OF SUBMITTER: | J. BRIAN LOKER |
| SIGNATURE: | /J. Brian Loker/ |

| | |
|---|------------|
| DATE SIGNED: | 06/20/2018 |
| Total Attachments: 7 source=P35184US1_ASN#page1.tif source=P35184US1_ASN#page2.tif source=P35184US1_ASN#page3.tif source=P35184US1_ASN#page4.tif source=P35184US1_ASN#page5.tif source=P35184US1_ASN#page6.tif source=P35184US1_ASN#page7.tif | |

ASSIGNMENT OF PATENT APPLICATION

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

THERMAL MANAGEMENT COMPONENTS FOR ELECTRONIC DEVICES

(Atty. Docket No. P35184US1/27630US.1)

for which I have executed an application on even date herewith.

- ☒ which bears application No. 15/994,753,
☐ 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: Brett W. Degner Date: 6-1-2018
Typed Name: Brett W. DEGNER

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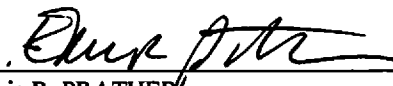
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Signed on the date indicated beside my signature.

Signature:  Date: 6/15/2018
Typed Name: Eric R. PRATHER

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Signed on the date indicated beside my signature:

Signature: William K. Smith
Typed Name: William K. SMITH

Date: May, 31, 2018

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Signed on the date indicated beside my signature.

Signature: _____

Typed Name: Anthony Joseph AIELLO

Date: _____

6/15/18

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Signed on the date indicated beside my signature.

Signature: _____

Typed Name: Jesse T. DYBENKO

Date: June 15, 2018

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Signed on the date indicated beside my signature.

Signature: A. N. Lahouti Date: June 15, 2018
Typed Name: Arash NAGHIB LAHOUTI

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Signed on the date indicated beside my signature.

Signature: _____

Typed Name: Kristopher P. LAURENT

Date: 6/18/18

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v1.1