504080035 11/03/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4126703

| SUBMISSION TYPE: | | NEW ASSIGNMEN | NEW ASSIGNMENT | | | |
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| NATURE OF CONVEYANCE: | | ASSIGNMENT | ASSIGNMENT | | | |
| CONVEYING PARTY D | ΑΤΑ | | | | | |
| | | Name | Name | | Execution Date | |
| QUE ANH S. NGUYEN | | | | | 11/01/2016 | |
| MATTHEW S. ROGERS | | | | | 11/01/2016 | |
| RECEIVING PARTY DA | ATA | | | | | |
| Name: | APPLE | APPLE INC. | | | | |
| Street Address: | 1 INFIN | ITE LOOP | | | | |
| City: | CUPER | CUPERTINO | | | | |
| State/Country: | CALIFC | RNIA | | | | |
| Postal Code: | 95014 | | | | | |
| Property Type | | Number | | | | |
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ASSIGNMENT OF PATENT APPLICATION

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

TRANSPARENT BUFFER LAYER FOR MAINTAINING COATED GLASS BEND STRENGTH

(Atty: Docket No: P28378US1/24380US.1)

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

 \boxtimes which bears application No. 15/275.140

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:

Sell, assign and transfer to Apple Inc., a California corporation having a place of business at 4) 1 Infinite Loop, 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.

Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of 4)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.

Authorize and request my attorney/agent to insert above the application No. in order to assist 6with recordal of this assignment.

Signed on the date indicated heside my signature.

Signature: ______ Date: _____ Date: ______ Date: ______

 $x \in J$ PATENT REEL: 040554 FRAME: 0018

(Auy, Docket No. P28378US1/24380R4S.1)

ASSIGNMENT OF PATENT APPLICATION

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

TRANSPARENT BUFFER LAYER FOR MAINTAINING COATED GLASS BEND STRENGTH

(Atty. Docket No. P28378US1/24380US.1)

for which I have executed an application on even date herewith. which bears application No. <u>15/275,140</u>, 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 1 Infinite Loop, 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.

_____ Date: ////20/6

Typed Name: Matthew S. ROGERS

Signature:

(Atty-Docket No. P28378US1/24380US.1)

RECORDED: 11/03/2016