## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2988202

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LUCY E. BROWNING	08/11/2014
DANIEL T. MCDONALD	08/05/2014
STEPHEN B. LYNCH	08/15/2014
BRIAN S. TRYON	08/05/2014

### **RECEIVING PARTY DATA**

Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

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

Property Type	Number
Application Number:	14462412

### CORRESPONDENCE DATA

**Fax Number:** (404)888-7490

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:** 404-872-7000

**Email:** kmsmith@wcsr.com

Correspondent Name: WOMBLE CARLYLE SANDRIDGE & RICE LLP

Address Line 1: PO BOX 7037

Address Line 2: ATT: IP DOCKETING

Address Line 4: ATLANTA, GEORGIA 30357-0037

ATTORNEY DOCKET NUMBER:	P20935USC1Z/18960US.C1
NAME OF SUBMITTER:	KAREN K. MCSWAIN
SIGNATURE:	/Karen K. McSwain/
DATE SIGNED:	08/18/2014

**Total Attachments: 4** 

source=P20935USC1Z\_ASG#page1.tif source=P20935USC1Z\_ASG#page2.tif

PATENT 502941604 REEL: 033567 FRAME: 0483

source=P20935USC1Z\_ASG#page3.tif source=P20935USC1Z\_ASG#page4.tif

> PATENT REEL: 033567 FRAME: 0484

Whereas I are asserting results a court have represent a strong one and court, improvement w set forth in the rotent application outsided.

## ARTHOOS FOR PRODUCING WHITE APPEARING METAL OXIDE FILMS BY POSITIONING REPLECTIVE PARTICLES PRIOR TO OR DUMING ANODICING PROCESSES

		×																								
		Ÿ																								

or good and valuable considerates. The coasts and a financial about 10 coasts 

- Self, as a policy transfer to April Sec. at a foreign companion, noting a place of business at Lighton Long Cogerous CA (40) 4 (ASSING) Problems of the color of the contract of the above returned up that on, my and of any recognition and integration distinct the rest, as well as consument applications, applications basing proper states to them, any decoration applications the roof develop or Palent Cooperation Figure (PCT) another uses based or whole of all least o nut thereon, and any and all parents resulting from each applications, (activing terror), parents and the right to claim priority.
- Authorize and request the Commissional of Picentichi testicary and all Legical States Patrics residing from said coplication or are divisional, continuation, design opplication, substitute. control to the control of the control of the Assicht E.
- Agree to execute all papers and documents and, enterty at the ASSIC SER is expense. perform any acts which are resolvedly usuassary in connection with the procession of said application, as well as any derivative applications thereof, being capitalizate based thereof, and if the entercement of pairon resulting from such applications.
- Agric that the total Expedient and extellions of this assignment shall make to the breadst of the ASSECTED to the estate projects and other legal representatives, and shall be having upon the greenly, as only is the meaning shells, each representatives and assigns
- Warrant and represent that I have not entered and will not enter into any assegment. control or an existancing that conflicts with this accignment
- Authorize and remeating all governments to prestigating the upplication for income

Surged on the date indicated beside in the nation

Signature

THE AUGUST 11th 2014

**\*\*\*** 

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

## METHODS FOR PRODUCING WHITE APPEARING METAL OXIDE FILMS BY POSITIONING REFLECTIVE PARTICLES PRIOR TO OR DURING ANODIZING PROCESSES

(Atty. Docket No. P20935USC1Z/18960US.C1)

PATENT REEL: 033567 FRAME: 0486

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

# METHODS FOR PRODUCING WHITE APPEARING METAL OXIDE FILMS BY POSITIONING REFLECTIVE PARTICLES PRIOR TO OR DURING ANODIZING PROCESSES

(Atty. Docket No. P20935USC1Z/18960US.C1)
which bears application No. 14/462,412
which is a 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.
Signature: Typed Name: Stephen B. LYNCH  Date: \$\\\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
(Atty, Docket No. P2093SUSC1Z/18960US.C1) v1.1

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

## METHODS FOR PRODUCING WHITE APPEARING METAL OXIDE FILMS BY POSITIONING REFLECTIVE PARTICLES PRIOR TO OR DURING ANODIZING PROCESSES

(Atty. Docket No. P20935USC1Z/18960US.C1)  which bears application No. 14/462,412  which is a 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.
Signature: Date: 08/05/14 Typed Name: Brian S. TRYON

(Atty, Docket No. P20935USC1Z/18960US.C1)

RECORDED: 08/19/2014

PATENT REEL: 033567 FRAME: 0488