

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>THEODORE A. WANIUK</td> <td>11/27/2012</td> </tr> <tr> <td>DERMOT J. STRATTON</td> <td>11/27/2012</td> </tr> <tr> <td>JOSEPH C. POOLE</td> <td>11/27/2012</td> </tr> <tr> <td>MATTHEW S. SCOTT</td> <td>11/27/2012</td> </tr> <tr> <td>CHRISTOPHER D. PREST</td> <td>12/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	THEODORE A. WANIUK	11/27/2012	DERMOT J. STRATTON	11/27/2012	JOSEPH C. POOLE	11/27/2012	MATTHEW S. SCOTT	11/27/2012	CHRISTOPHER D. PREST	12/04/2012
Name	Execution Date												
THEODORE A. WANIUK	11/27/2012												
DERMOT J. STRATTON	11/27/2012												
JOSEPH C. POOLE	11/27/2012												
MATTHEW S. SCOTT	11/27/2012												
CHRISTOPHER D. PREST	12/04/2012												
RECEIVING PARTY DATA													
Name:	APPLE INC.												
Street Address:	1 INFINITE LOOP												
City:	CUPERTINO												
State/Country:	CALIFORNIA												
Postal Code:	95014												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13628267</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13628267								
Property Type	Number												
Application Number:	13628267												
CORRESPONDENCE DATA													
Fax Number:	7307707901												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	7037707900												
Email:	docket_ip@pillsburylaw.com												
Correspondent Name:	PILLSBURY WINTHROP SHAW PITTMAN LLP												
Address Line 1:	P.O. BOX 10500												
Address Line 4:	MCLEAN, VIRGINIA 22102												
ATTORNEY DOCKET NUMBER:	069648-0406556												
NAME OF SUBMITTER:	RAJ S. DAVE												
	This document serves as an Oath/Declaration (37 CFR 1.63).												
Total Attachments: 3 source=0406556A#page1.tif source=0406556A#page2.tif source=0406556A#page3.tif													

CH \$40.00 13628267

PATENT

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)  
AND ASSIGNMENT**

**Title of  
Invention**

COLD CHAMBER DIE CASTING WITH MELT CRUCIBLE UNDER VACUUM  
ENVIRONMENT

As the below named inventor, I hereby declare that:

This declaration

is directed to:

The attached application, or

United States application or PCT international application

number 13/628,267 filed on September 27, 2012.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

**ASSIGNMENT OF INVENTION**

For good and valuable consideration, the receipt of which is hereby acknowledged, and for other good and valuable consideration, I hereby sell, assign and transfer to

(Name of Assignee) APPLE INC.

of 1 INFINITE LOOP, CUPERTINO, CA 95014

(Address of Assignee)

(hereinafter designated as the Assignee), its successors, legal representatives, and assigns, my entire right, title and interest for the United States and its territorial possessions, and foreign applications as defined in 35 USC 100, for any invention and all improvements which are disclosed in the invention identified above.

I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, continuation-in-part, divisional, reexam or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

I further covenant that Assignee will, upon request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to Assignors and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

I agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the firm of Pillsbury Winthrop Shaw Pittman, LLP, the power to insert on this document any further identification which may be necessary or desirable.

Inventor (Legal Name): Theodore A. WANIUK

Signature: *Theodore A. Waniuk*

Date: 11-27-2012

Inventor (Legal Name): Dermot J. STRATTON

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor (Legal Name): Joseph C. POOLE

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor (Legal Name): Matthew S. SCOTT

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor (Legal Name): Christopher D. PREST

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Attorney Docket No.: 069648-0406556

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

I further covenant that Assignee will, upon request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to Assignors and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

I agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I hereby authorize and request the USPTO to issue and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the firm of Pillsbury Winthrop Shaw Pittman, LLP, the power to insert on this document any further identification which may be necessary or desirable.

Inventor (Legal Name): Theodore A. WANIUK

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor (Legal Name): Dermot J. STRATTON

Signature: *Dermot Stratton*

Date: 11/27/2012

Inventor (Legal Name): Joseph C. POOLE

Signature: *J. Poole*

Date: 11/27/2012

Inventor (Legal Name): Matthew S. SCOTT

Signature: *M. Scott*

Date: 11/27/2012

Inventor (Legal Name): Christopher D. PREST

Signature: *C. Prest*

Date: 12/4/12

Attorney Docket No.: 069648-0406556