

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2690686

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>G. DAVID LISCH</td> <td>01/07/2014</td> </tr> <tr> <td>BRADLEY WILSON</td> <td>12/23/2013</td> </tr> <tr> <td>KIRK E. MAKI</td> <td>12/23/2013</td> </tr> <tr> <td>THEODORE F. EBERLE</td> <td>12/23/2013</td> </tr> <tr> <td>LUKE A. MAST</td> <td>01/08/2014</td> </tr> </tbody> </table>		Name	Execution Date	G. DAVID LISCH	01/07/2014	BRADLEY WILSON	12/23/2013	KIRK E. MAKI	12/23/2013	THEODORE F. EBERLE	12/23/2013	LUKE A. MAST	01/08/2014
Name	Execution Date												
G. DAVID LISCH	01/07/2014												
BRADLEY WILSON	12/23/2013												
KIRK E. MAKI	12/23/2013												
THEODORE F. EBERLE	12/23/2013												
LUKE A. MAST	01/08/2014												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Amcor Limited</td> </tr> <tr> <td>Street Address:</td> <td>109 Burwood Road</td> </tr> <tr> <td>City:</td> <td>Hawthorn, Victoria</td> </tr> <tr> <td>State/Country:</td> <td>AUSTRALIA</td> </tr> <tr> <td>Postal Code:</td> <td>3122</td> </tr> </table>		Name:	Amcor Limited	Street Address:	109 Burwood Road	City:	Hawthorn, Victoria	State/Country:	AUSTRALIA	Postal Code:	3122		
Name:	Amcor Limited												
Street Address:	109 Burwood Road												
City:	Hawthorn, Victoria												
State/Country:	AUSTRALIA												
Postal Code:	3122												
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>13721361</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13721361								
Property Type	Number												
Application Number:	13721361												
CORRESPONDENCE DATA													
Fax Number:	(248)641-0270												
Phone:	(248) 641-1600												
Email:	sgarbari@hdp.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	HARNESS DICKEY & PIERCE, PLC												
Address Line 1:	P.O. BOX 828												
Address Line 4:	BLOOMFIELD HILLS, MICHIGAN 48303												
ATTORNEY DOCKET NUMBER:	8330H-000516-US												
NAME OF SUBMITTER:	STANLEY M. ERJAVAC												

Signature:	/sme/
Date:	01/21/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 5</b> source=8330H-000516-US_ASSIGNMENT#page1.tif source=8330H-000516-US_ASSIGNMENT#page2.tif source=8330H-000516-US_ASSIGNMENT#page3.tif source=8330H-000516-US_ASSIGNMENT#page4.tif source=8330H-000516-US_ASSIGNMENT#page5.tif	

**DECLARATION AND ASSIGNMENT<sup>1</sup>**

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application entitled:

**APPARATUS AND METHOD FOR CONTROLLING TEMPERATURE  
GRADIENT THROUGH WALL THICKNESS OF CONTAINER**

As a below named inventor, I hereby declare that:

This declaration is directed to (check one):

- ☐ The attached application, or
- ☒ United States application or PCT international application number  
13/721,361 filed on December 20, 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 above-identified application.

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

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

For good and valuable consideration, the receipt and adequacy whereof I hereby acknowledge, I hereby confirm any prior assignment to Amcor Limited, an Australian corporation having a place of business at 109 Burwood Road, Hawthorn, Victoria 3122, Australia (hereinafter "Assignee"), and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the

---

<sup>1</sup> This form requires an ADS if one has not yet been filed.

## **DECLARATION AND ASSIGNMENT**

right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the above-identified application, to the above-identified application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the above-identified application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by me had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights.

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth.

I hereby covenant that I have not made and will not make any assignment, sale, license, agreement or encumbrance which would conflict with this Declaration and Assignment.

I hereby request the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and request that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

DECLARATION AND ASSIGNMENT

I hereby grant the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.



G. DAVID LISCH

State of MICHIGAN )  
HILLSDALE ) ss.  
County of JACKSON )

On this 7 day of JANUARY, 2014, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public, 

(seal)

Acting in the County Of WASHTENAW

State Of MICHIGAN

My Commission Expires 4/2/2020

DECLARATION AND ASSIGNMENT

Bradley Wilson  
BRADLEY WILSON

State of MICHIGAN )  
County of HILLSDALE ) ss.

On this 23 day of DECEMBER, 2013, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public, Susan Lewis

(seal)

Acting in the County Of WASHTENAW

State Of MICHIGAN

My Commission Expires 4/2/2020

Kirk E. Maki  
KIRK E. MAKI

State of MICHIGAN )  
County of HILLSDALE ) ss.

On this 23 day of DECEMBER, 2013, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public, Susan Lewis

(seal)

Acting in the County Of WASHTENAW

State Of MICHIGAN


My Commission Expires 4/2/2020

DECLARATION AND ASSIGNMENT

  
THEODORE F. EBERLE

State of Michigan )  
County of HILLSDALE ) ss.

On this 23 day of DECEMBER, 2013, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

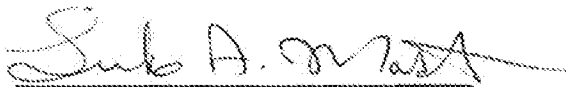
Notary Public, 

(seal)

Acting in the County Of WASHTENAW

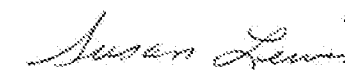
State Of MICHIGAN

My Commission Expires 4/2/2020

  
LUKE A. MAST

State of MICHIGAN )  
County of HILLSDALE ) ss.

On this 8 day of JANUARY, 2014, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public, 

(seal)

Acting in the County Of WASHTENAW

State Of MICHIGAN

My Commission Expires 4/2/2020

17377777 1

Page 5 of 5