

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4188295

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	07/31/2015

**CONVEYING PARTY DATA**

Name	Execution Date
ANOVA INDUSTRIES, INC.	10/25/2016

**RECEIVING PARTY DATA**

<b>Name:</b>	ANOVA APPLIED ELECTRONICS, INC.
<b>Street Address:</b>	580 HOWARD STREET
<b>Internal Address:</b>	UNIT 104
<b>City:</b>	SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94105

**PROPERTY NUMBERS Total: 30**

Property Type	Number
Application Number:	14885664
Application Number:	13935971
Application Number:	61764984
PCT Number:	US2015013105
Application Number:	61932143
Application Number:	14213792
Application Number:	61794170
PCT Number:	US2014047838
Application Number:	61857792
Application Number:	14493010
Application Number:	61880691
Application Number:	14491961
Application Number:	61880714
Application Number:	14559530
Application Number:	61911384
Application Number:	14632743
Application Number:	61946731
Application Number:	14678403

PATENT

Property Type	Number
Application Number:	61975553
Application Number:	14727369
Application Number:	62005844
Application Number:	14727402
Application Number:	62005860
Application Number:	14727431
Application Number:	62005875
Application Number:	14727444
Application Number:	62005885
Application Number:	14987265
Application Number:	62099396
Application Number:	14885845

**CORRESPONDENCE DATA**

**Fax Number:** (713)374-1601  
*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.*

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**Correspondent Name:** DOUGLAS BOWMAN  
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<b>NAME OF SUBMITTER:</b>	DOUGLAS BOWMAN
<b>SIGNATURE:</b>	/Douglas Bowman/
<b>DATE SIGNED:</b>	12/15/2016

**Total Attachments: 12**  
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**CONFIRMATORY PATENT ASSIGNMENT AND QUITCLAIM  
AGREEMENT**

WHEREAS Anova Industries, Inc., a Texas corporation (hereinafter "AI") executed an "Omnibus Intellectual Property Assignment" on July 31, 2015 (hereinafter "Omnibus Assignment") that assigned all rights, title and interest to the Assigned Patents to Anova Applied Electronics, Inc., a Delaware corporation (hereinafter "AAE") that assigned all of the patents and patent applications listed on Appendix A hereto along with together with the rights to any subsequent provisional applications, converted provisional applications, continuation applications, extensions, continuation-in-part applications, divisional applications, re-issues, reexaminations, foreign counterparts, foreign applications or foreign patents as well as any patents resulting from any post-grant, inter partes review or similar opposition proceeding or any other patent or patent application worldwide arising out of or claiming priority to any of the patents or applications, hereinafter collectively the "Assigned Patents";

WHEREAS Dr. Frank Wu and/or Mr. Jeff Wu are the named inventors on the patents and patent applications set forth in Appendix A;

WHEREAS Dr. Frank Wu and Mr. Jeff Wu understood and intended that as of July 30, 2015 that AI was the owner of all right, title and interest in the Assigned patents; and,

WHEREAS Dr. Frank Wu and Mr. Jeff Wu executed nunc pro tunc patent assignments to confirm the assignments and remove any question regarding ownership as of July 30, 2015, of all right, title and interest in the Assigned Patents and all causes of action relating to the Assigned Patents.

NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which are hereby acknowledged:

AI on behalf of itself and any predecessors in interest, hereby confirms that the Agreement between AI and AAE dated July 31, 2015 was intended to assign from AI to AAE all right, title and interest in the Assigned Patents. This assignment specifically includes all statutory and common law rights to any and all income, royalties, damages and payments then or thereafter due or payable with

respect thereto, and to any and all causes of action (either in law or in equity) and the right to sue, counterclaims and recover for past, present and future infringement of the rights assigned or to be assigned.

AI, to the extent not previously assigned to AAE, hereby assigns to AAE, to be effective nunc pro tunc as of July 31, 2015, all right, title and interest in and to the Assigned Patents. This nunc pro tunc assignment specifically includes all statutory and common law rights to any and all income, royalties, damages and payments then or thereafter due or payable with respect thereto, and to any and all causes of action (either in law or in equity) and the right to sue, counterclaims and recover for past, present and future infringement of the rights assigned or to be assigned pursuant to the terms and conditions of the Omnibus Assignment.

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**APPENDIX A**

<b>TITLE</b>	<b>COUNTRY</b>	<b>FORMATTED SERIAL NUMBER</b>	<b>FILING DATE</b>
CIRCULATOR COOKER	United States of America	14/885,664	Oct 16, 2015
CIRCULATOR COOKER	European Patent Office	15192763.9	Feb 10, 2014
CIRCULATOR COOKER	Japan	2015-198734	Feb 13, 2014
CIRCULATOR COOKER	Australia	2014200334	Jan 20, 2014
CIRCULATOR COOKER	Belgium	141545285	Feb 10, 2014
CIRCULATOR COOKER	Switzerland	141545285	Feb 10, 2014
CIRCULATOR COOKER	Denmark	141545285	Feb 10, 2014
CIRCULATOR COOKER	Germany	60 2014 000 400.8	Feb 10, 2014
CIRCULATOR COOKER	European Patent Office	14154528.5	Feb 10, 2014
CIRCULATOR COOKER	Spain	141545285	Feb 10, 2014
CIRCULATOR COOKER	France	141545285	Feb 10, 2014
CIRCULATOR COOKER	United Kingdom	141545285	Feb 10, 2014
CIRCULATOR COOKER	Italy	141545285	Feb 10, 2014
CIRCULATOR COOKER	Japan	2014-025539	Feb 13, 2014
CIRCULATOR COOKER	Netherlands	141545285	Feb 10, 2014

CIRCULATOR COOKER	Norway	141545285	Feb 10, 2014
CIRCULATOR COOKER	Sweden	141545285	Feb 10, 2014
CIRCULATOR COOKER	United States of America	13/935,971	Jul 5, 2013
CIRCULATOR COOKER	United States of America	61/764,984	Feb 14, 2013
COMBINATION COOKER	PCT	PCT/US15/13105	Jan 27, 2015
COMBINATION COOKER	United States of America	61/932,143	Jan 27, 2014
SOUS-VIDE COOKING CHAMBER	United States of America	14/213,792	Mar 14, 2014
SOUS-VIDE COOKING CHAMBER	United States of America	61/794,170	Mar 15, 2013
HEATER CIRCULATOR	Hong Kong	16106944.6	Jun 16, 2016
HEATER CIRCULATOR	Australia	2014293183	Jul 23, 2014
HEATER CIRCULATOR	Canada	2,919,657	Jul 23, 2014
HEATER CIRCULATOR	China	201480051964.7	Jul 23, 2014
HEATER CIRCULATOR	European Patent Office	14829207.1	Jul 23, 2014
HEATER CIRCULATOR	PCT	PCT/US14/47838	Jul 23, 2014
HEATER CIRCULATOR	United States of America	14/907,533	Jul 23, 2014

HEATER CIRCULATOR	United States of America	61/857,792	Jul 24, 2013
TEMPERATURE CONTROL CIRCULATOR DEVICE	United States of America	14/493,010	Sep 22, 2014
TEMPERATURE CONTROL CIRCULATOR DEVICE	United States of America	61/880,691	Sep 20, 2013
SUBMERSABLE CIRCULATION COOKER	United States of America	14/491,961	Sep 19, 2014
SUBMERSABLE CIRCULATION COOKER r	United States of America	61/880,714	Sep 20, 2013
CIRCULATOR COOKER WITH ALARM SYSTEM	United States of America	14/559,530	Dec 3, 2014
CIRCULATOR COOKER WITH ALARM SYSTEM	United States of America	61/911,384	Dec 3, 2013
HEATING CIRCULATOR COOKER WITH OPENABLE PUMP HOUSING	United States of America	14/632,743	Feb 26, 2015
HEATING CIRCULATOR COOKER WITH OPENABLE PUMP HOUSING	United States of America	61/946,431	Feb 28, 2014
PROGRAMMABLE HEATING CIRCULATOR	Australia	2015201720	Apr 3, 2015



PROGRAMMABLE HEATING CIRCULATOR	Canada	2,887,277	Apr 7, 2015
PROGRAMMABLE HEATING CIRCULATOR	European Patent Office	15162683.5	Apr 7, 2015
PROGRAMMABLE HEATING CIRCULATOR	Hong Kong	15109892.3.	Oct 9, 2015
PROGRAMMABLE HEATING CIRCULATOR	United States of America	14/678,403	Apr 3, 2015
PROGRAMMABLE HEATING CIRCULATOR	United States of America	61/975,553	Apr 4, 2014
EVENT TRACKING PRECISION SOUS VIDE COOKER DEVICE	Australia	2015202981	Jun 1, 2015
EVENT TRACKING PRECISION SOUS VIDE COOKER DEVICE	Canada	2,893,374	Jun 1, 2015
EVENT TRACKING PRECISION SOUS VIDE COOKER DEVICE	European Patent Office	15170165.3	Jun 1, 2015

EVENT TRACKING PRECISION SOUS VIDE COOKER DEVICE	Japan	2015-111594	Jun 1, 2015
EVENT TRACKING PRECISION SOUS VIDE COOKER DEVICE	United States of America	14/727,369	Jun 1, 2015
EVENT TRACKING PRECISION SOUS VIDE COOKER DEVICE	United States of America	62/005,844	May 30, 2014
CODE TRANSLATION METHOD FOR PRECISION SOUS VIDE COOKER DEVICE	Australia	2015202982	Jun 1, 2015
CODE TRANSLATION PROGRAM FOR PRECISION SOUS VIDE COOKER DEVICE	Canada	2,893,329	Jun 1, 2015
CODE TRANSLATION PROGRAM FOR PRECISION SOUS VIDE COOKER DEVICE	European Patent Office	15170175.2	Jun 1, 2015

CODE TRANSLATION PROGRAM FOR PRECISION SOUS VIDE COOKER DEVICE	Japan	2015-111595	Jun 1, 2015
CODE TRANSLATION PROGRAM FOR PRECISION SOUS VIDE COOKER DEVICE	United States of America	14/727,402	Jun 1, 2015
CODE TRANSLATION PROGRAM FOR PRECISION SOUS VIDE COOKER DEVICE	United States of America	62/005,860	May 30, 2014
SOUS-VIDE COOKER WITH IMAGE TRANSLATION FUNCTIONALITY	Australia	2015202983	Jun 1, 2015
SOUS-VIDE COOKER WITH IMAGE TRANSLATION	Canada	2,893,335	Jun 1, 2015

PICTURE TO COOK TEMPERATURE TRANSLATION PROGRAM FOR PRECISION SOUS VIDE COOKER DEVICE	European Patent Office	15170176.0	Jun 1, 2015
SOUS-VIDE COOKER WITH IMAGE TRANSLATION FUNCTIONALITY	Japan	2015-111598	Jun 1, 2015
SOUS-VIDE COOKER WITH IMAGE TRANSLATION FUNCTIONALITY	United States of America	14/727,431	Jun 1, 2015
PICTURE TO COOK TEMPERATURE TRANSLATION PROGRAM FOR PRECISION SOUS VIDE COOKER DEVICE	United States of America	62/005,875	May 30, 2014
COMBINATION COOKER WITH SOUS VIDE FUNCTIONALITY	Australia	2015202985	Jun 1, 2015

COMBINATION COOKER WITH SOUS VIDE FUNCTIONALITY	Canada	2,893,500	Jun 1, 2015
COMBINATION COOKER WITH SOUS VIDE FUNCTIONALITY	China	201510293958.9	Jun 1, 2015
COMBINATION COOKER WITH SOUS VIDE FUNCTIONALITY	European Patent Office	15170168.7	Jun 1, 2015
COMBINATION COOKER WITH SOUS VIDE FUNCTIONALITY	Hong Kong	16109520.0	Aug 10, 2016
COMBINATION COOKER WITH SOUS VIDE FUNCTIONALITY	Japan	2015-111599	Jun 1, 2015
COMBINATION COOKER WITH SOUS VIDE FUNCTIONALITY	United States of America	14/727,444	Jun 1, 2015
COMBINATION COOKER WITH SOUS VIDE FUNCTIONALITY	United States of America	62/005,885	May 30, 2014

CIRCULATOR COOKER	United States of America	14/987,265	Jan 4, 2016
CIRCULATOR COOKER	United States of America	62/099,396	Jan 2, 2015
CIRCULATOR COOKER	United States of America	14/885,845	Oct 16, 2015