PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
John W. Steele	11/10/2010
Durwood M. Beringer	11/02/2010
Mark R. Jaworowski	10/28/2010
Jerome D. Varsik	10/28/2010
Jesse Morenz	11/10/2010
Brian Tull	11/02/2010

RECEIVING PARTY DATA

Name:	Hamilton Sundstrand Corporation	
Street Address:	One Hamilton Road	
City:	Windsor Locks	
State/Country:	CONNECTICUT	
Postal Code:	06096	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12943533

CORRESPONDENCE DATA

Fax Number: (612)339-6580

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

612-339-1863 Phone:

Email: mderuyter@kinney.com Correspondent Name: Matthew J. DeRuyter Address Line 1: 312 South Third Street Address Line 2: Kinney & Lange, P.A.

Address Line 4: Minneapolis, MINNESOTA 55415-1028

ATTORNEY DOCKET NUMBER: PA0015147U-U74.12-190KL

REEL: 025345 FRAME: 0204

PATENT

501346849

NAME OF SUBMITTER: Matthew J. DeRuyter **Total Attachments: 15** source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page1.tif source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page2.tif source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page3.tif source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page4.tif source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page5.tif source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page6.tif source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page7.tif source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page8.tif source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page9.tif source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page10.tif source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page11.tif source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page12.tif source=2010-11-10-Assignment-PA0015147U-U74-12-190KL#page13.tif

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PATENT REEL: 025345 FRAME: 0205

Attorney Docket No.

PA0015147U-U74.12-190KL

First Named Inventor

John W. Steele

Title

AQUEOUS BASED COOLING OF COMPONENTS HAVING HIGH SURFACE AREA LEVELS OF ALUMINUM OR NICKEL

WHEREAS, we, John W. Steele, of New Hartford, CT, U.S.A.; Durwood M. Beringer, of Suffield, CT, U.S.A.; Mark R. Jaworowski, of Glastonbury, CT, U.S.A.; Icrome D. Varsik, of Barkhamsted, CT, U.S.A.; Jesse Morenz, of Hartford, CT, U.S.A.; and Brian Tull, of West New York, NJ, U.S.A., have invented certain new and useful improvements as described in an application entitled AQUEOUS BASED COOLING OF COMPONENTS HAVING HIGH SURFACE AREA LEVELS OF ALUMINUM OR NICKEL for Letters Patent of the United States, the application being identifiable by its title and named inventors above, and/or being identifiable in the United States Patent and Trademark Office by Application No. _; and

WHEREAS, Hamilton Sundstrand Corporation, a corporation organized and existing under the laws of the State of Delaware, and having offices at One Hamilton Road, Windsor Locks, CT 06096, U.S.A., ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Witness Printed Name

10/28/10_11/10/10

Date

11/10/10

Durwood M. Beringer	Date
Witness Signature	
Witness Printed Name	
Mark R. Jaworowski	Date
Witness Signature	
Witness Printed Name	
Jerome D. Varsik	Date
Witness Signature	
Witness Printed Name	
Jesse Morenz Jesse Morenz Witness Signature Caren Devito Witness Printed Name	10/29/2010 11/10/10 Date 11/10/10

Brian Tull	Date
Witness Signature	
Witness Printed Name	

Attorney Docket No.

PA0015147U-U74.12-190KL

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First Named Inventor	: John W. Steele
Title	: AQUEOUS BASED COOLING OF COMPONENTS HAVING HIGH SURFACE AREA LEVELS OF ALUMINUM OR NICKEL
Suffield, CT, U.S.A.; Marl U.S.A.; Jesse Morenz, of certain new and useful im COMPONENTS HAVING the United States, the appli	AS, we, John W. Steele, of New Hartford, CT, U.S.A.; Durwood M. Beringer, of k R. Jaworowski, of Glastonbury, CT, U.S.A.; Jerome D. Varsik, of Barkhamsted, CT Hartford, CT, U.S.A.; and Brian Tull, of West New York, NJ, U.S.A., have invente provements as described in an application entitled AQUEOUS BASED COOLING OF HIGH SURFACE AREA LEVELS OF ALUMINUM OR NICKEL for Letters Patent of cation being identifiable by its title and named inventors above, and/or being identifiable tent and Trademark Office by Application No, file
laws of the State of Delay ("Assignee") is desirous of	AS, Hamilton Sundstrand Corporation, a corporation organized and existing under the ware, and having offices at One Hamilton Road, Windsor Locks, CT 06096, U.S.A. acquiring the entire right, title and interest in and to the invention, the application, and r similar legal protection, foreign or domestic, to be obtained therefor;
hereby acknowledged, I tra the invention, the above-id- or similar legal protection is I authorize the Commission	HEREFORE, for good and valuable consideration, the receipt and adequacy of which is insfer to Assignee, its successors and assigns, my entire right, title and interest in and to entified application, corresponding domestic and foreign applications, all Letters Paten ssuing thereon, and all rights and benefits under any applicable treaty or convention; and are of Patents and Trademarks of the United States or foreign equivalent thereof to issue legal protection to the Assignee.
I authoriz application number of the application	e the Assignee, its successors and assigns, to insert in this instrument the filing date and opplication when ascertained.
I authorize for Letters Patent or similar	e the Assignee, its successors and assigns, or anyone it may properly designate, to apply legal protection, in its own name if desired, in any and all foreign countries.
writing or do any act whats time upon request, without execute such additional writ desirable to perfect its enjo	at to the Assignee, its successors and assigns, that I have not and shall not execute any soever conflicting with this Assignment. I, my executors or administrators, will at any additional consideration, but at the expense of the Assignee, its successors and assigns, tings and do such additional acts as the Assignee, its successors and assigns, may deem yment of this grant, and render all assistance in making application for and obtaining, the Letters Patent or similar legal protection on the invention in any and all countries.
John W. Steele	Date
Witness Signature	

Page 1 of 3 Pages

Witness Printed Name

Durwood M. Beringer Surway A Suchman Witness Signature	11/02/2010 Date
SUSAU A. BELLMAN Witness Printed Name	
Mark R. Jaworowski	Date
Witness Signature	
Witness Printed Name	
Jerome D. Varsik	Date
Witness Signature	
Witness Printed Name	
Jesse Morenz	Date
Witness Signature	

Witness Printed Name

Brian Tull	Date
Witness Signature	_

Attorney Docket No.

PA0015147U-U74.12-190KL

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John W. Steele

Title

: AQUEOUS BASED COOLING OF COMPONENTS HAVING HIGH SURFACE AREA LEVELS OF ALUMINUM OR NICKEL

WHEREAS, Hamilton Sundstrand Corporation, a corporation organized and existing under the laws of the State of Delaware, and having offices at One Hamilton Road, Windsor Locks, CT 06096, U.S.A., ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged. I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

John W. Steele	Date
Witness Signature	
Witness Printed Name	

Durwood M. Beringer	Date
Witness Signature	
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Mark R. Jaworowski Cen Slergning Witness Signature	10/28/10 Date
ANN SKRZYNIARZ Witness Printed Name	
erome D. Varsik	Date
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Brian Tull	Date
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Attorney Docket No.

PA0015147U-U74.12-190KL

First Named Inventor	:]	John W. Steele				
Title		AQUEOUS BASEL ACE AREA LEVELS		OF COMPONÉNT JM OR NICKEL	S HAVING	HIGH
WHERE Suffield, CT, U.S.A.; Ma U.S.A.; Jesse Morenz, of certain new and useful in COMPONENTS HAVING the United States, the appling the United States Page 1 in the United States Page 2 in the United States Page 2 in the United States Page 3 in the United	rk R. Jawe Hartford, aprovement HIGH Si ication be atent and	orowski, of Glastonb CT, U.S.A.; and Br ats as described in an URFACE AREA LE ing identifiable by its	oury, CT, U.S.A rian Tull, of Wen application en VELS OF ALUS title and named	est New York, NJ, I utitled AQUEOUS B. MINUM OR NICKE d inventors above, an	of Barkhamst U.S.A., have in ASED COOLI L for Letters P d/or being iden	ed, CT, nvented NG OF atent of ttifiable
WHERE laws of the State of Dela ("Assignee") is desirous of any and all Letters Patent	aware, and f acquiring	I having offices at (g the entire right, titl	One Hamilton File and interest in	n and to the invention	s, CT 06096, n, the applicati	U.S.A.,
NOW, 7 hereby acknowledged, I to the invention, the above-i or similar legal protection I authorize the Commission the Letters Patent or similar	ansfer to a dentified a issuing the oner of Pat	Assignee, its successon pplication, corresponence, and all rights attents and Trademarks	ors and assigns, nding domestic and benefits und s of the United S	and foreign applicati ler any applicable tre	and interest ir ons, all Letters aty or conventi	and to Patent on; and
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John W. Steele	-		;	Date		
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Durwood M. Beringer	Date
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Mark R. Jaworowski	Date
Witness Signature	
Witness Printed Name	
Jerome D. Varsik	0/28/2010 Date
Witness Signature	
WILLIAM F. OEHLER Witness Printed Name	
Jesse Morenz	Date
Witness Signature	
Witness Printed Name	

Brian Tull	Date	
Witness Signature	_	
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Attorney Docket No.

PA0015147U-U74.12-190KL

First Named Inventor	: John W. Steele		
Tide	: AQUEOUS BASED SURPACE AREA LEVELS O	COOLING OF COMPONE OF ALUMINUM OR NICKEL	ints having high
Suffield, CT, U.S.A.; Mar U.S.A.; Jesse Morenz, of certain new and useful im COMPONENTS HAVING the United States, the appli	AS, we, John W. Steele, of M. R. Jaworowski, of Glastonbur Hartford, CT, U.S.A.; and Bria provements as described in an a HIGH SURFACE AREA LEVication being identifiable by its tent and Trademark Office b	y, CT, U.S.A.; Jerome D. Var in Tull, of West New York, N application entitled AQUEOUS ELS OF ALUMINUM OR NIC itle and named inventors above	sik, of Barkhamsted, CT, IJ, U.S.A., have invented BASED COOLING OF KEL for Letters Patent of
laws of the State of Dela	AS, Hamilton Sundstrand Corp ware, and having offices at Or f acquiring the entire right, title or similar legal protection, forcign	e Hamilton Road, Windsor L and interest in and to the inver	ocks, CT 06096, U.S.A., uton, the application, and
hereby acknowledged, I to the invention, the above-id or similar legal protection. I authorize the Commission	HEREFORE, for good and valuansfer to Assignee, its successor itentified application, correspond issuing thereon, and all rights an ner of Patents and Trademarks or legal protection to the Assigner	s and assigns, my entire right, ing domestic and foreign appli d benefits under any applicable if the United States or foreign (title and interest in and to cations, all Letters Patent treaty or convention; and
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I authorize for Letters Patent or similar	ze the Assignee, its successors at r legal protection, in its own name	nd assigns, or anyone it may pr ie if desired, in any and all forei	operly designate, to apply gn countries.
writing or do any act what time upon request, without execute such additional wr desirable to perfect its eni-	nt to the Assignee, its successor tsoever conflicting with this Ass additional consideration, but at itings and do such additional ac ownent of this grant, and rende the Letters Patent or similar lega-	signment. I, my executors or a the expense of the Assignee, its is as the Assignee, its successor all assistance in making appl	idministrators, will at any its successors and assigns, its and assigns, may deem jeation for and obtaining,
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Mark R. Jaworowski	Date
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Jesse Morenz	Date
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Page 3 of 3 Pages

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