

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6434572

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SCRIVENER ERROR IN UNDERLYING DOCUMENT previously recorded on Reel 028456 Frame 0599. Assignor(s) hereby confirms the CONTRIBUTION AGREEMENT.	
CONVEYING PARTY DATA		
	Name	Execution Date
	TRANSCORE, LP	03/31/2012
RECEIVING PARTY DATA		
Name:	AMTECH SYSTEMS, LLC	
Street Address:	8600 JEFFERSON STREET NE	
City:	ALBUQUERQUE	
State/Country:	NEW MEXICO	
Postal Code:	87113	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	12828886
CORRESPONDENCE DATA		
Fax Number:	(703)439-2658	
<i>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.</i>		
Phone:	571-297-0007	
Email:	pto@snyderllp.com	
Correspondent Name:	SNYDER, CLARK, LESCH & CHUNG, LLP	
Address Line 1:	205 VAN BUREN STREET SUITE 110	
Address Line 4:	HERNDON, VIRGINIA 20170	
NAME OF SUBMITTER:	NICHOLAS M. TINARI, JR.	
SIGNATURE:	/Nicholas M. Tinari, Jr./	
DATE SIGNED:	12/07/2020	
Total Attachments: 16		
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PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Contribution Agreement
CONVEYING PARTY DATA	
Name	Execution Date
TRANSCORE, LP	03/31/2012
RECEIVING PARTY DATA	
Name:	AMTECH SYSTEMS, LLC
Street Address:	8600 Jefferson NE
City:	ALBUQUERQUE
State/Country:	NEW MEXICO
Postal Code:	67113
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12828886
CORRESPONDENCE DATA	
Fax Number:	(202)772-5858
Phone:	202.772.5800
Email:	abachiche@blankrome.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Blank Rome LLP
Address Line 1:	600 New Hampshire Ave. N.W.
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037
ATTORNEY DOCKET NUMBER:	114944.00519
NAME OF SUBMITTER:	Peter S. Weissman
Total Attachments: 11 source=ContrAgree_114944_0519#page1.tif source=ContrAgree_114944_0519#page2.tif source=ContrAgree_114944_0519#page3.tif source=ContrAgree_114944_0519#page4.tif	

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CONTRIBUTION AGREEMENT

This CONTRIBUTION AGREEMENT (this "Agreement") is made and entered into this 31st day of March, 2011 between TransCore, LP, a Delaware limited partnership ("TLP"), and Amtech Systems, LLC, a Delaware limited liability company ("Amtech").

WHEREAS, as a result of the merger of TC License, Ltd. ("TCL") into TLP, TLP currently owns all of the intellectual property assets as set forth on Schedule A hereto and all goodwill associated therewith or symbolized thereby previously held by TCL (collectively, the "IP Assets");

WHEREAS, the Board of Directors of TLP has determined that it is in the best interests of TLP to contribute the IP Assets to Amtech, and the sole member of Amtech has determined that it is in the best interests of Amtech to accept the IP Assets from TLP; and

WHEREAS, TLP desires to contribute the IP Assets to Amtech and Amtech desires to accept the contribution of the IP Assets, such contribution to be effective immediately upon the execution and delivery hereof.

NOW, THEREFORE, in consideration of the mutual covenants and agreements set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. *Contribution.* TLP hereby contributes, transfers, assigns, and delivers to Amtech all of its right, title and interest in, to and under the IP Assets. Amtech hereby accepts all right, title and interest of TLP in, to and under the IP Assets.
2. *Representations and Warranties of TLP.* TLP represents and warrants to Amtech that this Agreement and the transactions contemplated hereby have been duly authorized.
3. *Counterparts; Effectiveness.* This Agreement may be signed in any number of counterparts, each of which shall be an original, with the same effect as if the signatures thereto and hereto were upon the same instrument. This Agreement shall become effective when each party hereto shall have received the counterpart hereof signed by the other party hereto.
4. *Governing Law.* This Agreement shall be construed in accordance with and governed by the laws of the State of Delaware, without giving effect to principles of conflicts of law.

5. *Amendments.* This Agreement may not be modified, altered, supplemented or amended except pursuant to a written agreement executed and delivered by each party hereto.


6. *Successors and Assigns.* The provisions of this Agreement shall be binding upon, and inure to the benefit of, the parties hereto and their successors and assigns.

[Remainder of this page intentionally left blank]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first written above.

TRANSCORE, LP

By: TLP Holdings, LLC, *its General Partner*

By: 
Name: Jack Buhsmer
Title: Vice President

AMTECH SYSTEMS, LLC

By: 
Name: Jack Buhsmer
Title: Vice President

[Signature Page to the Contribution Agreement]

(NY) 17905/012/AQTS/Contributions.sgt.TLP.Amtech.doc

U.S. Patent No. 8,237,565, Application Serial No. 12/828,886

J.P./ 12/04/2020

Patents

Reporting Title	Patent # / Application #	Country
automated vehicle parking system	5,414,624	United States
automated vehicle parking system for a plurality of remote parking facilities	RR37,822	United States
automatic debiting parking meter system	5,351,187	United States
automatic mode detection in a dual operating mode RFID tag	11/139,681 (Application)	United States
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
automatic payment method using RFID tags	7,565,307	United States
automatic payment method using RFID tags	7,379,897	United States
automatic real-time highway toll collection from moving vehicles	5,485,520	United States
backscatter receiver maintaining sensitivity with varying power levels	7,477,887	United States
backscatter tag with programmable sensitivity	-	United States
circuit with improved electrostatic discharge	11/410,202 (Application)	United States
community concept for payment using RFID transponders	7,778,876	United States
[REDACTED]	[REDACTED]	[REDACTED]
computer automated tag test	11/418,242 (Application)	United States
[REDACTED]	[REDACTED]	[REDACTED]
destructible RFID transponder	7,557,715	United States
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
disclosure file-measurement of distance to a tag	-	United States
divergent code generator and method	5,606,322	United States
dual mode RFID device	6,975,228	United States
dynamic virtual network and method	09/539,662 (Application)	United States
dynamic virtual network and method	11/581,044 (Application)	United States
electronic parking and dispatching management method and apparatus	5,751,973	United States
electronic tag including rf modem for monitoring motor vehicle performance	6,061,614	United States
electronic vehicle toll collection system and method	5,805,082	United States

(NY) 17204612/AQ73/contributon.sgl.TLP.Amtech.doc

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Reporting Title	Patent # / Application #	Country
electronic vehicle toll collection system and method	6,653,946	United States
floating threshold for data detection in an RFID tag	7,817,015	United States
frequency domain processing of doppler signals in a traffic monitoring system	5,912,822	United States
interdigit as coupling for RFID tags	7,564,356	United States
intermodulation mitigation technique in an RFID system	7,518,532	United States
intermodulation mitigation technique in an RFID system	12/423,619 (Application)	United States
intermodulation mitigation technique in an RFID system	7,772,977	United States
light-activated RFID tag	12/017,166 (Application)	United States
low level rf threshold detector	5,479,160	United States
method, apparatus and system for wireless data collection and communication for interconnected mobile systems, such as for railways	6,668,216	United States
method and apparatus to determine the direction to a transponder in a modulated backscatter communication system	6,476,756	United States
method and apparatus to determine the direction to a transponder in a modulated backscatter communication system	6,600,443	United States
system and method for handling user keys and user passwords in a tagging system where the tag itself is capable of carrying only a single key or password	11/502,628 (Application)	United States
method of enrolling in an electronic toll or payment collection system	7,347,368	United States
multi-protocol or multi-command RFID system	7,548,153	United States
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
multi-protocol or multi-command RFID	11/764,005 (Application)	United States

(NY) 17983012/AGTS/contribution.sgi.TLF.Antech.doc

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Reporting Title	Patent # / Application #	Country
system		
object location process and apparatus	5,406,275	United States
predictive multi-channel decoder	7,289,584	United States
RF tag system with single step read and write commands	11/053,679 (Application)	United States
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
RFID mutual authentication verification session	7,450,010	United States
RFID mutual authentication verification session	12/243,527 (Application)	United States
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
RFID tag with small aperture antenna	7,501,947	United States
self-service electronic toll collection unit and system	7,654,452	United States
shielding field method and apparatus	5,253,162	United States
system for preventing reading of undesired rf signals	5,504,485	United States
tamper resistant electronic tag	7,301,462	United States
transmission line notch filter	7,728,781	United States
RFID tag disabling systems and methods of use	7,782,206	United States
rfid tag with integrated disabling and method of use	12/754,003 (Application)	United States
rfid tag disabling systems and methods of use	-	United States
RFID vehicle tag with manually adjustable data fields	12/533,067 (Application)	United States
RFID vehicle tag with occupancy status recall	61/256,273 (Application)	United States
RFID tag with piezoelectric sensor for power and input data	12/569,087 (Application)	United States
secondary data channels in RFID systems	12/421,510 (Application)	United States
configurable external rfid tags	12/775,889 (Application)	United States
system and method for measurement of	61/299,474 (Application)	United States

(NY) 17905012/AGTS/contribution.sgt.TLP.Arotech.doc

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Reporting Title	Patent # / Application #	Country
distance to a tag by a modulated backscatter rfid reader		
system and method for measurement of distance to a tag by a modulated backscatter rfid reader	- (Application)	United States
method and apparatus for testing rfid tags for mass production	12/705,083 (Application)	United States
system and method for optical license plate matching	61/303,634 (Application)	United States
system and method for microwave ranging to a target in presence of clutter and multi-path effects	61/328,457 (Application)	United States
system and method for microwave ranging to a target in presence of clutter and multi-path effects	61/355,824 (Application)	United States
hazardous waste transport management system	5,347,274	United States
transponder employing modulated backscatter microstrip double patch antenna	5,771,021	United States

(NY) 17905012/AGT&contribution.sgt.TLP.Amtech.doc

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EXHIBIT A

United States Patent Application No.

11/139,681

11/418,242

09/539,662

12/421,510

13/025,744

61/444,286

61/445,636

12/243,527

12/754,003

12/856,706

12/533,067

12/915,739

12/569,087

12/775,889

61/299,474

12/840,587

12/705,083

61/328,457

61/355,824

11/581,044

12/423,619

EXHIBIT A

United States Patent Application No.

11/502,628

11/764,005

EXHIBIT B

United States Patent Nos.

5,347,274

5,351,187

5,406,275

5,414,624

5,479,160

5,485,520

5,504,485

5,606,322

5,751,973

5,771,021

5,805,082

5,912,822

6,061,614

6,476,756

6,600,443

6,653,946

6,668,216

6,975,228

7,012,547

7,289,584

7,301,462

EXHIBIT B

United States Patent Nos.

7,347,368

7,379,897

7,450,010

7,477,887

7,501,947

7,518,532

7,548,153

7,557,715

7,564,356

7,565,307

7,654,452

7,728,781

7,769,963

7,772,977

7,778,876

7,782,206

7,791,481

7,817,015

7,881,065

RE37,822

5,253,162

PATENT

CORRECTIVE ASSIGNMENT FOR UTILITY PATENT APPLICATION

Patent Application Title: INTERMODULATION MITIGATION TECHNIQUE IN AN RFID SYSTEM

Patent Application Serial Number: 12/828,886, now U.S. Patent No. 8,237,565

WHEREAS on June 27, 2012, TransCore, LP, which was on that date the owner of all rights, title and interest in U.S. Patent Application Serial Number 12/828,886, recorded at the United States Patent and Trademark Office an Assignment of all rights, title and interest in this application to Amtech Systems, LLC. The Assignment was recorded at reel 028456, frames 0599 through 0611;

WHEREAS the June 27, 2012 Assignment cover sheet correctly named TransCore, LP as Conveying Party and Amtech Systems, LLC as Receiving Party of Application Serial Number 12/828,886;

WHEREAS the June 27, 2012 Assignment included a copy of a Contribution Agreement between TransCore, LP and Amtech Systems, LLC, dated March 31, 2011, conveying all rights, title and interest to certain U.S. patents and patent applications then owned by TransCore, LP;

WHEREAS the Contribution Agreement listed, *inter alia*, U.S. Patent Nos. 7,518,532; 7,548,153; 7,772,977 and U.S. Patent Application Serial Number 12/423,619, all titled Intermodulation Technique in an RFID System;

WHEREAS Patent Application Serial Number 12/828,886, which was filed on July 1, 2010 and owned by TransCore, LP, and which was a continuation application of U.S. Patent Nos. 7,518,532 and 7,772,977, was inadvertently not listed in the Schedule attached to the Contribution Agreement due to a scrivener's error;

WHEREAS the intent of TransCore, LP as Conveying Party and Amtech Systems, LLC as Receiving Party was to assign all rights, title and interest in Patent Application Serial Number 12/828,886 from TransCore, LP to Amtech Systems, LLC as evidenced by the June 27, 2012 Assignment filing listing Application Serial Number 12/828,886 on the cover page; and

WHEREAS U.S. Patent Number 8,237,565, which issued on August 7, 2012 from Application Serial Number 12/828,886 recites Amtech Systems as assignee.

NOW, THEREFORE, in consideration of the foregoing Recitals, TransCore, LP and Amtech Systems, LLC herewith submit a Corrected Version of the Contribution Agreement filed with the June 27, 2012 Assignment. Said Corrected Version specifically recites Patent Application Serial Number 12/828,886. The correction thereto is initialed and dated by the conveying party (TransCore, LP) in accordance with Manual of Patent Examining Procedure §323.

For the avoidance of any confusion, TransCore, LP herewith confirms that it conveyed all rights, title and interest in Patent Application Serial Number 12/828,886 to Amtech Systems, LLC and Amtech Systems, LLC accepted all rights, title and interest in Patent Application Serial Number 12/828,886.

Further, for the avoidance of any confusion, to the extent that all rights, title and interest in Patent Application Serial Number 12/828,886 have not already been effectively transferred based on the intent of the parties and in consideration of the unintentional scrivener's error, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, TransCore, LP ("Assignor") and Amtech Systems, LLC ("Assignee"), each intending to be legally bound, hereby agree as follows:

Assignor hereby assigns, transfers, and sells to Assignee the entire right, title, and interest of Assignor in and to (i) Patent Application Serial Number 12/828,886 and U.S. Patent No. 8,237,565 (together, "the Patent"); (ii) any U.S. or foreign application or applications corresponding to or claiming priority to the Patent; (iii) all divisions, reexaminations, reissues, continuations, continuations in part, and extensions thereof; (iv) all rights of priority under the terms of any applicable conventions, treaties, statutes, or regulations, including without limitation the International Convention for Protection of Industrial Property for every member country; (v) any and all legal actions and rights and remedies at law or in equity for past, present and future infringements, misappropriations, or other violations of the Patent, including the right to sue for, collect, and retain all damages, profits, proceeds, and all other remedies associated therewith; and (vi) any and all income, royalties, damages, and payments now or hereafter due or payable with respect to the Patent, for Assignee's own use and enjoyment and for the use and enjoyment of Assignee's successors, assigns, or other legal representatives as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made (together, the "Assigned Rights").

Assignor hereby authorizes the Commissioner for Patents of the United States Patent and Trademark Office and any official of any corresponding entities or agencies in any applicable jurisdictions to record and register this Assignment upon request by Assignee.

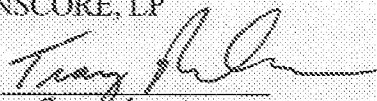
Assignee shall have the right, at Assignee's cost and expense, to record this Assignment with all applicable governmental authorities and registrars so as to perfect its ownership of the Assigned Rights. Assignor hereby agrees to execute and deliver to Assignee, its successors and assigns, without further compensation, such other and further assignments, instruments and documents as Assignee reasonably may request from time to time for the purpose of establishing, registering, evidencing, enforcing or defending Assignee's complete, exclusive, and worldwide ownership of all right, title and interest in and to the Assigned Rights, including as reasonably necessary for Assignee, at its sole expense, to make any filings with the applicable patent registrar or similar governmental authority in accordance with local legal requirements. Assignee hereby releases Assignor from any and all existing claims or liability that, directly or indirectly, relate to the Patent, including, but not limited to, all Assigned Rights.

This Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Assignment.


This Assignment shall be binding upon and shall inure to the benefit of the Parties hereto and their respective successors and assigns.

This Assignment shall be construed in accordance with, and governed in all respects by, the internal laws of the State of Delaware (without giving effect to principles of conflicts of laws).

TRANSCORE, LP

By: 
Title: President
Date: 12/4/2020

AMTECH SYSTEMS, LLC

By: 
Title: Genl. Mgr.
Date: 12/4/2020