

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	TC (BERMUDA) LICENSE, LTD.	12/01/2004
RECEIVING PARTY DATA		
Name:	TC LICENSE LTD.	
Street Address:	8158 ADAMS DRIVE	
City:	HUMMELSTOWN	
State/Country:	PENNSYLVANIA	
Postal Code:	17036	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14808696
CORRESPONDENCE DATA		
Fax Number:	(215)751-1142	
<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:	215-567-2010	
Email:	dmbrown@crbcp.com	
Correspondent Name:	CAESAR RIVISE, PC	
Address Line 1:	1635 MARKET STREET	
Address Line 2:	12TH FLOOR	
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103-2212	
ATTORNEY DOCKET NUMBER:	T1142/20584	
NAME OF SUBMITTER:	NICHOLAS M. TINARI	
SIGNATURE:	/Nicholas M. Tinari/	
DATE SIGNED:	03/11/2016	
Total Attachments: 5		
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ASSIGNMENT

THIS ASSIGNMENT is effective on the 1st day of December, 2004. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, TC (BERMUDA) LICENSE, LTD., a Bermuda company, having a principal place of business at Cedar House, 41 Cedar Avenue, Hamilton HM 12 BERMUDA (hereinafter referred to as the "ASSIGNOR"), hereby assigns and transfers to TC License Ltd., a Delaware corporation, having a principal place of business at 8158 Adams Drive, Hummelstown, Pennsylvania 17036 and its successors, assigns and legal representatives (hereinafter referred to as the "ASSIGNEE"), all of the rights, title and interest of ASSIGNOR throughout the world in and to any and all patents and patent applications which are listed in Attachment A attached hereto.

This Assignment includes all of ASSIGNOR's right, title and interest in, to and under the Patent and all divisions, renewals, continuations and continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof (including, without limitation, all proceeds thereof and the rights to sue for past, present and future infringements), and all applications for Letters Patent which may hereafter be filed for said Patent in any country or countries foreign to the United States, and all Letters Patent which may be granted for said Patent in any country or countries foreign to the United States hereby authorized, and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to record ASSIGNEE as the owner of all such Patents and to issue all Letters Patent for said Patents to be in the name of the said ASSIGNEE, as assignee of the Patents, for the sole use of ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this Assignment. The transferred rights include the right to collect any royalties, license fees, or other amounts related to the Patents owing from third parties, as well as the right to bring infringement or similar actions that may have accrued prior to this Assignment.

This Assignment includes the right to claim priority based on the filing date of the above-mentioned Patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Conventions, and all other treaties of like purposes.

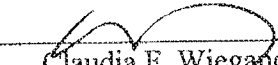
ASSIGNOR hereby covenants and agrees to and with the said ASSIGNEE, that, as of the effective date of this Assignment, the said ASSIGNOR was the sole and lawful owner of the entire right, title and interest in and to the said above-mentioned Patent, and that the said ASSIGNOR had good and full right and lawful authority to sell and convey the same in the manner herein set forth. ASSIGNOR hereby further covenants that no assignment, sale or agreement has been or will be made or entered into that would conflict with this Assignment.

ASSIGNOR further covenants for itself and its respective heirs, legal representatives and

ASSIGNOR further covenants for itself and its respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE and at the expense of ASSIGNEE all pertinent facts and documents relating to said inventions and said Patent and legal equivalents as may be known and accessible to ASSIGNOR and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said inventions, improvements, said above-mentioned Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR hereby requests the Commissioner of Patents and Trademarks to issue any Letters Patent or Reissue Patent of said Patent or extension thereof to the said ASSIGNEE.

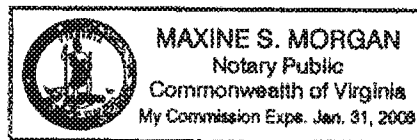
TC (BERMUDA) LICENSE, LTD.

By: 
Claudia F. Wiegand
Vice President

COMMONWEALTH OF VIRGINIA)
) ss.
COUNTY OF FAIRFAX)

IN TESTIMONY WHEREOF I, the said Notary Public, have hereto set my hand and
Official Notarial Seal this 7 day of December, 2004.


NOTARY PUBLIC



ATTACHMENT A

U.S. Patent Applications

<u>Title of Application</u>	<u>Serial No.</u>	<u>Filing Date</u>
Automated payment method using RFID tags	09/740,808	December 21, 2000
Dynamic virtual network system and method	09/539,662	March 30, 2000
Method and apparatus for photographing traffic in an intersection	09/836,672	April 16, 2001
AVI for expedited mobile ordering and fulfillment	09/864,443	May 25, 2001
Community Concept for payment using RFID Transponders	09/864,442	May 25, 2001
Tamper resistant electronic tag	10/246,456	Sept. 19, 2002
Predictive multi-channel decoder	10/460,401	June 13, 2003
Self service electronic toll collection unit and system	10/698,943	Nov. 3, 2003
Tamper resistant electronic tag	90/006,896	Dec. 24, 2003
Automatic vehicle information system	10/795,993	March 10, 2004
System for identifying particular objects	90/007,017	April 26, 2004
Multi-protocol reader system employing step locking of uplinks and downlinks	10/887,320	July 9, 2004
Backscatter receiver maintaining sensitivity with variable power level	10/976,880	October 29, 2004
Surge protection circuit	10/975,339	October 29, 2004

U.S. ISSUED PATENTS

<u>Title of Patent</u>	<u>Patent No.</u>	<u>Issue Date</u>
System for identifying particular objects (interrogator-responder system)	4,739,328	August 19, 1988
Transponder antenna (intermodal tag)	4,782,345	November 1, 1989
Transponder antenna (intermodal tag)	4,816,839	March 28, 1989
Beam powered antenna	4,853,705	August 1, 1989
Rapid signal validity checking apparatus	4,864,158	September 5, 1989
Range limiting system	4,999,636	March 12, 1991
System for reading and writing data from/into remote tags	5,055,659	October 8, 1991
Automatic toll processing apparatus	5,086,389	February 4, 1992
Illuminated traffic control sign	5,097,612	March 24, 1992
Coin sensing apparatus	5,097,934	March 24, 1992
Electronic vehicle toll collection system and method	5,144,553	September 1, 1992
Shielding field method and apparatus	5,253,162	October 12, 1993
Traffic monitoring and management method and apparatus	5,289,183	February 22, 1994
Hazardous waste transport management system	5,347,274	September 13, 1994
Automatic debiting parking meter system	5,351,187	September 27, 1994
Object location process and apparatus	5,406,275	April 11, 1995
Automated vehicle parking system	5,414,624	May 9, 1995
Fiber optic load sensing device	RE 35,020	August 15, 1995
Low level RF threshold detector	5,479,160	December 26, 1995
Automatic real-time highway toll collection from moving vehicle	5,485,520	January 16, 1996
System for preventing reading of undesired RF signals	5,504,485	April 2, 1996
Divergent code generator and method	5,606,322	February 25, 1997
Vault for storing coins and/or tokens	5,619,932	April 15, 1997
Electronic security bonding device	5,656,996	August 12, 1997
Electronic parking and dispatching management method and apparatus	5,751,973	May 12, 1998
Transponder employing modulated backscatter microstrip double patch antenna	5,771,021	June 23, 1998
Electronic vehicle toll collection system and method	5,805,082	September 8, 1998

<u>Title of Patent</u>	<u>Patent No.</u>	<u>Issue Date</u>
Frequency domain processing of Doppler signals in a traffic monitoring system	5,912,822	June 15, 1999
Traffic monitoring system	5,935,190	August 10, 1999
Traffic violation processing system	5,948,038	September 7, 1999
Electronic tag including RF modem for monitoring motor vehicle performance with filtering	6,061,614	May 9, 2000
Method and apparatus for photographing traffic in an intersection	6,111,523	August 29, 2000
Method and apparatus to determine the direction to a transponder in a modulated backscatter communication system	6,476,756	June 4, 2001
Method and apparatus for photographing traffic in an intersection	6,373,402	April 16, 2002
Automatic vehicle parking system for a plurality of remote parking facilities	RE 37,822	August 27, 2002
Method and apparatus for wireless data collection and communications for interconnected mobile systems, such as for railways	6,600,443	July 29, 2003
Method and apparatus system for wireless data collection and communications for interconnected mobile systems, such as for railways	6,668,216	Dec. 23, 2003