

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PANASEC CORPORATION	04/25/2019

RECEIVING PARTY DATA

Name:	AVANTE INTERNATIONAL TECHNOLOGY, INC.
Street Address:	70 WASHINGTON ROAD
City:	PRINCETON JUNCTION
State/Country:	NEW JERSEY
Postal Code:	08550

PROPERTY NUMBERS Total: 54

Property Type	Number
Patent Number:	6404643
Patent Number:	6421013
Patent Number:	6886246
Patent Number:	6288905
Patent Number:	6353420
Patent Number:	6665193
Patent Number:	6973716
Patent Number:	7098793
Patent Number:	6961000
Patent Number:	7158030
Patent Number:	7382255
Patent Number:	7036730
Patent Number:	7422150
Patent Number:	7431209
Patent Number:	7461787
Patent Number:	6883710
Patent Number:	6696954
Patent Number:	6657543
Patent Number:	6703935
Patent Number:	7813934

PATENT

Property Type	Number
Patent Number:	6943688
Patent Number:	7036729
Patent Number:	7513425
Patent Number:	7508308
Patent Number:	7197167
Patent Number:	7561724
Patent Number:	6694045
Patent Number:	7436989
Patent Number:	7894634
Patent Number:	6892944
Patent Number:	7077313
Patent Number:	7614553
Patent Number:	7635087
Patent Number:	7635088
Patent Number:	7975920
Patent Number:	7988047
Patent Number:	6973581
Patent Number:	7828215
Patent Number:	7501954
Patent Number:	7319397
Patent Number:	7342497
Patent Number:	7423535
Patent Number:	7839289
Patent Number:	8174383
Patent Number:	8686861
Patent Number:	8066184
Patent Number:	8214913
Patent Number:	9434397
Patent Number:	9937938
Application Number:	10127787
Application Number:	10924037
Application Number:	15626789
Application Number:	15834860
PCT Number:	US1543736

CORRESPONDENCE DATA

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PATENT

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ATTORNEY DOCKET NUMBER: PANASEC TO AVANTE ASSIGN

NAME OF SUBMITTER: CLEMENT A. BERARD

SIGNATURE: /clement a berard/

DATE SIGNED: 04/29/2019

Total Attachments: 10

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ASSIGNMENT OF PATENTS & PATENT APPLICATIONS
TO AVANTE INTERNATIONAL TECHNOLOGY, INC.

WHEREAS, PANASEC CORPORATION, a corporation organized and existing under and by virtue of the laws of the State of New Jersey, and engaged in business at 70 Washington Road, Princeton Junction, New Jersey 08550, hereinafter referred to as ASSIGNOR, is the owner of the entire right, title and interest in and to certain Patents and Patent Applications as set forth on the list entitled "*PATENTS & PATENT APPLICATIONS BEING ASSIGNED TO AVANTE INTERNATIONAL TECHNOLOGY, INC.*" which is appended hereto and a part hereof;

WHEREAS, AVANTE INTERNATIONAL TECHNOLOGY, INC., a corporation organized and existing under and by virtue of the laws of the State of New Jersey, and engaged in business at 70 Washington Road, Princeton Junction, New Jersey 08550, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the certain Letters Patent and Patent Applications set forth on the list entitled "*PATENTS & PATENT APPLICATIONS BEING ASSIGNED TO AVANTE INTERNATIONAL TECHNOLOGY, INC.*" which is appended hereto, and to any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW, THEREFORE, the parties hereto, intending to be legally bound, agree that for good and valuable consideration paid to ASSIGNOR by ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, ASSIGNOR'S entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid Letters Patent and Patent Applications, and in and to any and all Letters Patent which may be issued therefor in the United States and in any and all foreign countries and in any and all Letters Patent and Patent Applications claiming priority thereto in the United States and in any and all foreign countries.

And ASSIGNOR hereby authorizes and requests the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.


And for said consideration, it is hereby covenanted and agreed that ASSIGNOR will

ASSIGNMENT OF PATENTS & PATENT APPLICATIONS
TO AVANTE INTERNATIONAL TECHNOLOGY, INC.


execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has been executed on the day and month indicated below by an authorized signatory for ASSIGNOR.

PANASEC CORPORATION

BY: 

Kevin Kwong Tai Chung,
President

 , 2019
Date

ATTEST:

BY: 

Cynthia Ting-Wah Chu,
Corporate Secretary

[Corporate Seal]

**PATENTS & PATENT APPLICATIONS BEING ASSIGNED TO
AVANTE INTERNATIONAL TECHNOLOGY, INC.**

Application No. & Filing Date	Patent No. & Issue Date	Title of Invention	Docket No.
US 09/412,058 (10/4/1999)	US 6,404,643 (6/11/2002)	ARTICLE HAVING AN EMBEDDED ELECTRONIC DEVICE, AND METHOD OF MAKING SAME	P02027US01 AI-Tech-11
US 09/671,923 (9/28/2000)	US 6,421,013 (7/16/2002)	TAMPER RESISTANT WIRELESS ARTICLE INCLUDING AN ANTENNA	P02027US02 AI-Tech-11A
US 10/140,245 (5/7/2002)	US 6,886,246 (5/3/2005)	METHOD FOR MAKING AN ARTICLE HAVING AN EMBEDDED ELECTRONIC DEVICE	P02027US04 AI-Tech-11B
US 09/412,052 (10/4/1999)	US 6,288,905 (9/11/2001)	CONTACT MODULE, AS FOR A SMART CARD, AND METHOD FOR MAKING SAME	P02028US01 AI-Tech-13
US 09/411,849 (10/4/1999)	US 6,353,420 (3/5/2002)	WIRELESS ARTICLE INCLUDING A PLURAL-TURN LOOP ANTENNA	P02026US01 AI-Tech-14
US 10/191,580 (7/9/2002)	US 6,665,193 (12/16/2003)	ELECTRONIC CIRCUIT CONSTRUCTION, AS FOR A WIRELESS RF TAG	P02941US00 AI-Tech-15
US 10/732,984 (12/11/2003)	US 6,973,716 (12/13/2005)	ELECTRONIC CIRCUIT CONSTRUCTION METHOD, AS FOR A WIRELESS RF TAG	P02941US01 AI-Tech-15A
US 10/398,363 (4/1/2003)	US 7,098,793 (8/29/2006)	TRACKING SYSTEM AND METHOD EMPLOYING PLURAL SMART TAGS	P02712US03 AI-Tech-28
US 10/171,015 (6/13/2002)	US 6,961,000 (11/1/2005)	SMART TAG DATA ENCODING METHOD	P02712US01 AI-Tech-28A

**PATENTS & PATENT APPLICATIONS BEING ASSIGNED TO
AVANTE INTERNATIONAL TECHNOLOGY, INC.**

Application No. & Filing Date	Patent No. & Issue Date	Title of Invention	Docket No.
US 10/247,435 (9/19/2002)	US 7,158,030 (1/2/2007)	MEDICAL ASSISTANCE AND TRACKING SYSTEM AND METHOD EMPLOYING SMART TAGS	P02712US02 AI-Tech-28B
US 11/018,646 (12/20/2004)	US 7,382,255 (6/3/2008)	MEDICAL ASSISTANCE AND TRACKING METHOD EMPLOYING SMART TAGS	P02712US04 AI-Tech-28C
US 09/737,306 (12/15/2000)	US 7,036,730 (5/2/2006)	ELECTRONIC VOTING APPARATUS, SYSTEM AND METHOD	P02457US01 AI-Tech-30
US 10/416,738 (5/13/2003)	US 7,422,150 (9/9/2008)	ELECTRONIC VOTING APPARATUS, SYSTEM AND METHOD	P02457US03 AI-Tech-30A
US 10/255,348 (9/26/2002)	US 7,431,209 (10/7/2008)	ELECTRONIC VOTING APPARATUS, SYSTEM AND METHOD	P02457US02 AI-Tech-30B
US 11/384,764 (3/20/2006)	US 7,461,787 (12/9/2008)	ELECTRONIC VOTING APPARATUS, SYSTEM AND METHOD	P02457US04 AI-Tech-30C
DE 01981491.2 (10/11/2001)	DE 601 47 606.9 (1/16/2013)	ARTICLE TRACKING SYSTEM AND METHOD	P02566DE00 AI-Tech-31DE
EP 01981491.2 (10/11/2001)	EP 1,514,247 (1/16/2013)	ARTICLE TRACKING SYSTEM AND METHOD	P02566EP00 AI-Tech-31EP
HK 05105969.1 (10/11/2001)	1073167B (9/19/2013)	ARTICLE TRACKING SYSTEM AND METHOD	P02566HK00 AI-Tech-31HK

**PATENTS & PATENT APPLICATIONS BEING ASSIGNED TO
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Application No. & Filing Date	Patent No. & Issue Date	Title of Invention	Docket No.
US 10/408,151 (4/7/2003)	US 6,883,710 (4/26/2005)	ARTICLE TRACKING SYSTEM AND METHOD	P02566US05 AI-Tech-31
US 09/854,722 (5/14/2001)	US 6,696,954 (2/24/2004)	ANTENNA ARRAY FOR SMART RFID TAGS	P02566US01 AI-Tech-31A
US 09/975,370 (10/11/2001)	US 6,657,543 (12/2/2003)	TRACKING METHOD AND SYSTEM, AS FOR AN EXHIBITION	P02566US02 AI-Tech-31B
US 10/246,990 (9/19/2002)	US 6,703,935 (3/9/2004)	ANTENNA ARRANGEMENT FOR RFID SMART TAGS	P02566US03 AI-Tech-31C
US 10/365,803 (2/13/2003)	US 7,813,934 (10/12/2010)	TRACKING APPARATUS AND METHOD, AS FOR AN EXHIBITION	P02566US04 AI-Tech-31D
US 10/784,704 (2/23/2004)	US 6,943,688 (9/13/2005)	ANTENNA ARRANGEMENT FOR RFID SMART TAGS	P02566US06 AI-Tech-31E
US 11/074,570 (3/8/2005)	US 7,036,729 (5/2/2006)	ARTICLE TRACKING METHOD AND SYSTEM	P02566US07 AI-Tech-31F
US 11/414,916 (5/1/2006)	US 7,513,425 (4/7/2009)	ARTICLE TRACKING METHOD AND SYSTEM	P02566US08 AI-Tech-31G
US 11/701,047 (2/1/2007)	US 7,508,308 (3/24/2009)	TRACKING APPARATUS AND METHOD, AS FOR AN EXHIBITION	P02566US09 AI-Tech-31H

**PATENTS & PATENT APPLICATIONS BEING ASSIGNED TO
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Application No. & Filing Date	Patent No. & Issue Date	Title of Invention	Docket No.
US 10/127,787 (4/22/2002)		VOTING FRAUD DETECTION SYSTEM AND METHOD	P02880US01 AI-Tech-32
US 10/208,926 (7/30/2002)	US 7,197,167 (3/27/2007)	REGISTRATION APPARATUS AND METHOD, AS FOR VOTING	P02962US02 AI-Tech-33
US 10/999,589 (11/30/2004)	US 7,561,724 (7/14/2009)	REGISTRATION METHOD, AS FOR VOTING	P02962US03 AI-Tech-33A
US 10/127,793 (4/22/2002)	US 6,694,045 (2/17/2004)	GENERATION AND VERIFICATION OF A DIGITIZED SIGNATURE	P02881US01 AI-Tech-34
US 10/769,930 (2/2/2004)	US 7,436,989 (10/14/2008)	GENERATION AND VERIFICATION OF A DIGITIZED WRITING	P02881US03 AI-Tech-34A
US 12/250,214 (10/13/2008)	US 7,894,634 (2/22/2011)	GENERATION AND AUTHENTICATION OF DIGITIZED BIOMETRIC DATA FOR CONDUCTING A TRANSACTION	P02881US04 AI-Tech-34B
US 10/260,167 (9/30/2002)	US 6,892,944 (5/17/2005)	ELECTRONIC VOTING APPARATUS AND METHOD FOR OPTICALLY SCANNED BALLOT	P03002US01 AI-Tech-35
US 10/410,824 (4/10/2003)	US 7,077,313 (7/18/2006)	ELECTRONIC VOTING METHOD FOR OPTICALLY SCANNED BALLOT	P03002US02 AI-Tech-35A
US 11/487,886 (7/17/2006)	US 7,614,553 (11/10/2009)	METHOD FOR READING AN OPTICALLY READABLE BALLOT	P03002US04 AI-Tech-35B

**PATENTS & PATENT APPLICATIONS BEING ASSIGNED TO
AVANTE INTERNATIONAL TECHNOLOGY, INC.**

Application No. & Filing Date	Patent No. & Issue Date	Title of Invention	Docket No.
US 11/068,034 (2/28/2005)	US 7,635,087 (12/22/2009)	METHOD FOR PROCESSING A MACHINE READABLE BALLOT AND BALLOT THEREFOR	P03002US03 AI-Tech-35C
US 11/709,449 (2/22/2007)	US 7,635,088 (12/22/2009)	ELECTRONIC VOTING METHOD AND SYSTEM EMPLOYING A PRINTED MACHINE READABLE BALLOT	P03002US05 AI-Tech-35D
US 12/206,239 (9/8/2008)	US 7,975,920 (7/12/2011)	ELECTRONIC VOTING METHOD AND SYSTEM EMPLOYING A MACHINE READABLE BALLOT ENVELOPE	P03002US06 AI-Tech-35E
US 12/691,031 (01/21/2010)	US 7,988,047 (8/2/2011)	METHOD FOR DECODING AN OPTICALLY READABLE SHEET	P03002US07 AI-Tech-35F
US 10/348,433 (01/21/2003)	US 6,973,581 (12/6/2005)	PACKET-BASED INTERNET VOTING TRANSACTIONS WITH BIOMETRIC AUTHENTICATION	P04682US00 AI-Tech-36
US 10/924,037 (8/23/2004)		READER FOR AN OPTICALLY READABLE BALLOT	P03489US01 AI-Tech-37
US 11/433,696 (5/12/2006)	US 7,828,215 (11/9/2010)	READER FOR AN OPTICALLY READABLE BALLOT [See Note 1.]	P03489US02 AI-Tech-37A
US 10/872,080 (6/18/2004)	US 7,501,954 (3/10/2009)	DUAL CIRCUIT RF IDENTIFICATION TAGS	P04684US00 AI-Tech-38
US 11/198,711 (8/5/2005)	US 7,319,397 (1/15/2008)	OBJECT MONITORING, LOCATING AND TRACKING DEVICE EMPLOYING ACTIVE RFID DEVICES	P03753US02 AI-Tech-40

**PATENTS & PATENT APPLICATIONS BEING ASSIGNED TO
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Application No. & Filing Date	Patent No. & Issue Date	Title of Invention	Docket No.
US 11/198,439 (8/5/2005)	US 7,342,497 (3/11/2008)	OBJECT MONITORING, LOCATING AND TRACKING SYSTEM EMPLOYING ACTIVE RFID DEVICES	P03753US03 AI-Tech-40A
US 11/198,747 (8/5/2005)	US 7,423,535 (9/9/2008)	OBJECT MONITORING, LOCATING AND TRACKING METHOD EMPLOYING ACTIVE RFID DEVICES	P03753US04 AI-Tech-40B
US 11/749,976 (5/17/2007)	US 7,839,289 (11/23/2010)	OBJECT MONITORING, LOCATING, AND TRACKING SYSTEM AND METHOD EMPLOYING RFID DEVICES	P03753US05 AI-Tech-40C
US 11/749,996 (5/17/2007)	US 8,174,383 (5/8/2012)	SYSTEM AND METHOD FOR OPERATING A SYNCHRONIZED WIRELESS NETWORK	P03753US06 AI-Tech-40D
US 12/650,054 (12/30/2009)	US 8,686,861 (4/1/2014)	OBJECT MONITORING, LOCATING, AND TRACKING SYSTEM AND METHOD EMPLOYING RFID DEVICES	P03753US07 AI-Tech-40E
US 12/207,096 (9/9/2008)	US 8,066,184 (11/29/2011)	OPTICALLY READABLE MARKING SHEET AND READING APPARATUS AND METHOD THEREFOR	P04680US02 AI-Tech-42
PH 1-2009-000009 (1/13/2009)	PH1-2009-00000 9 (6/27/2013)	OPTICALLY READABLE MARKING SHEET AND READING APPARATUS AND METHOD THEREFOR	P04680PH00 AI-Tech-42PH
US 12/423,294 (4/14/2009)	US 8,214,913 (7/3/2012)	PHYSICALLY SECURE COMPUTING SYSTEM AND DEVICE, AND PHYSICALLY SECURE CONTAINER THEREFOR	P04773US00 AI-Tech-43
APP/2017/009717 (8/5/2015)		POSITIVE TRAIN CONTROL SYSTEM AND APPARATUS THEREFOR	P06078AP00 AI-Tech-52AP

**PATENTS & PATENT APPLICATIONS BEING ASSIGNED TO
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Application No. & Filing Date	Patent No. & Issue Date	Title of Invention	Docket No.
CN 2015-80041685.7 (8/5/2015)		POSITIVE TRAIN CONTROL SYSTEM AND APPARATUS THEREFOR	P06078CN00 AI-Tech-52CN
EP 15829433.0 (8/5/2015)		POSITIVE TRAIN CONTROL SYSTEM AND APPARATUS THEREFOR	P06078EP00 AI-Tech-52EP
HK 17111984.6 (8/5/2015)		POSITIVE TRAIN CONTROL SYSTEM AND APPARATUS THEREFOR	P06078HK00 AI-Tech-52HK
IN 201717005118 (8/5/2015)		POSITIVE TRAIN CONTROL SYSTEM AND APPARATUS THEREFOR	P06078IN00 AI-Tech-52IN
NG F/P/2017/008 (8/5/2015)	NG F/P/2017/8 (5/23/2018)	POSITIVE TRAIN CONTROL SYSTEM AND APPARATUS THEREFOR	P06078NG00 AI-Tech-52NG
US 14/817,836 (8/4/2015)	US 9,434,397 (9/6/2016)	POSITIVE TRAIN CONTROL SYSTEM AND APPARATUS THEREFOR	P06078US00 AI-Tech-52
US 15/226,972 (8/3/2016)	US 9,937,938 (4/10/2018)	POSITIVE TRAIN CONTROL APPARATUS	P06078US02 AI-Tech-52A
US 15/626,789 (6/19/2017)		POSITIVE TRAIN CONTROL SYSTEM, APPARATUS AND METHOD	P06078US03 AI-Tech-52B

PATENTS & PATENT APPLICATIONS BEING ASSIGNED TO
AVANTE INTERNATIONAL TECHNOLOGY, INC.

Application No. & Filing Date	Patent No. & Issue Date	Title of Invention	Docket No.
US 15/834,860 (12/7/2017)		POSITIVE TRAIN CONTROL SYSTEM AND METHOD	P06078US04 AI-Tech-52C
PCT/US15/43736 (8/5/2015)		POSITIVE TRAIN CONTROL SYSTEM AND APPARATUS THEREFOR	P06078WO00 AI-Tech-52PCT

NOTES:

- US Patent Application No. 11/433,696, now US Patent 7,828,215, was assigned to Avante International Technology, Inc. under the terms of the assignment of its parent US Patent Application No. 10/924,037 to Avante International Technology, Inc. as recorded beginning at Reel 017626, Frame 0862.

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