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| SUBMISSION TYPE: | | NEW ASSIGNMENT | NEW ASSIGNMENT | | | | |
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| NATURE OF CONVEYANCE: | | ASSIGNMENT | | | | | |
| CONVEYING PARTY DA | TA | | | | | | |
| | | Name | Execution Date | | | | |
| BRUCE ROSS | | | 12/30/2016 | | | | |
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| RECEIVING PARTY DA | ГА | | | | | | |
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| Postal Code: | 92618 | | | | | | |
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| PROPERTY NUMBERS | Total: 1 | | 1 | | | | |
| Property Type | | Number | | | | | |
| Application Number:150 | | 5613028 | | | | | |
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| CORRESPONDENCE DA | | 14)200-0853 | | | | | |
| | • | he e-mail address first; if that is un | successful, it will be sent | | | | |
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| ATTORNEY DOCKET NU | MBER: | 45955.9US02 | | | | | |
| NAME OF SUBMITTER: | | KEVIN WHITE | | | | | |
| SIGNATURE: | | /Kevin White/ | | | | | |
| DATE SIGNED: | | 06/02/2017 | | | | | |
| Total Attachments: 2 | | 1 | | | | | |
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ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, <u>Bruce</u> <u>Ross</u> ("Assignor"), hereby sells, assigns, and transfers to <u>CardLogix</u> ("Assignee"), its successors and assigns, the Assignor's entire right, title, and interest throughout the world in the patent applications and patents described on Attachment A ("Patents") herein.

AND WHEREAS Assignee, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 16 Hughes Street, Ste. 100, Irvine, California 92618, is desirous of acquiring the entire right, title, and interest in and to the inventions and improvements related to the Patents, in and to the Patents themselves, and in and to any Letters Patent obtained therefrom.

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Assignee, its successors or assigns, for all countries, the entire right, title, and interest in and to all inventions and improvements disclosed in the aforesaid Patents, and in and to the Patents, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be or have been granted therefrom.

AND, I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to Assignee as the assignee of the entire right, title, and interest in and to the same, for the use of Assignee, its successors and assigns.

AND, for the aforesaid consideration, I do hereby agree that, upon request by Assignee but at no out-of-pocket expense to Assignor, I and my executors and legal representatives will make, execute, and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments, and other documents, and will communicate to said Assignee, its successors and representatives, all facts known to me relating to the inventions and improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to more effectually secure to and vest in said Assignee, its successors or assigns, the entire right, title, and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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AND, furthermore, I covenant and agree with Assignee, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this <u>30</u> day of <u>Decempor</u>, 2016.

(Bruce Ross)

Inventor/Applicant (Please Print or Type Title)

Bruet Ross

ATTACHMENT A – "PATENTS"

| Application Number | Title | Status | Date Filed | Pat. No. | Grant Date |
|-------------------------|---|----------|------------|----------|---------------|
| US 61/564,588 | Layered Security System For Age Verification And Authorizing Transactions Using Specially Formatted Smart Cards | Inactive | 11/29/2011 | | |
| WO PCT/US2012/067141 | Layered Security System For Age Verification And Authorizing Transactions Using Specially Formatted Smart Cards | Inactive | 11/29/2012 | | |
| US 13/689,683 | Layered Security System For Age Verification And Authorizing Transactions Using Specially Formatted Smart Cards | Pending | 11/29/2012 | | |
| EP 12808961.2 | Layered Security System For Age Verification And Authorizing Transactions Using Specially Formatted Smart Cards | Pending | 11/29/2012 | | |
| CA 2873923 | Layered Security System For Age Verification And Authorizing Transactions Using Specially Formatted Smart Cards | Pending | 11/29/2012 | | |
| SA 2014/04761 | Layered Security System For Age Verification And Authorizing Transactions Using Specially Formatted Smart Cards | Granted | 11/29/2012 | TBD | TBD |

| US 62/086,275 | Multimode Smart Card System With Embedded USB (Universal Serial Port) Connectivity | Inactive | 12/2/2014 | |
|-------------------------|--|----------|------------|--|
| WO PCT/US2015/063552 | Multimode Smart Card System With Embedded USB (Universal Serial Port) Connectivity | Pending | 12/02/2015 | |

PATENT REEL: 042581 FRAME: 0098

RECORDED: 06/02/2017