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PATENTS ONLY

Atty Ref/Docket No.: 2069.090US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Philip Allan Eisen, Ettore Benedetti, Arnoud Evert Van  
Foreest, Andrew Augustinc Wajs

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement ☐ Change of Name☐ OtherExecution Date: May 17, 2010, May 26, 2010, May 26,  
2010, May 26, 2010

2. Name and address of receiving party(ies):

Name: Irdeto Access B.V.

Street Address: Jupiterstraat 42

HOOFFDORP, 2132 HD  
NetherlandsAdditional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 12/715,047, filed March 1, 2010

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: Robert B. Madden

Address:

Schwegman, Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402--09386. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account  
19-07438. Please charge any additional fees or credit any over  
payments to our Deposit Account No.: 19-0743**DO NOT USE THIS SPACE**

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy  
of the original document.Robert B. Madden/Reg. No. 57.521

Name of Person Signing

Robert B. Madden

Signature

JUN 15/2010

Date

Total number of pages including cover sheet: 7

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PATENT  
REEL: 024556 FRAME: 0335

CH \$40.00 190743 12715047

05/4307

Attorney Docket No. 2069.090US1  
Client Ref. No. US 14307-PH/td

### ASSIGNMENT

WHEREAS, We, Philip Allan Eisen, residing at 170 Nora Street, Ottawa, Ontario K1Z 7B3, Canada, and Ettore Benedetti, residing at Apothekersdijk 26B, Leiden 2312 DD, Netherlands, and Arnoud Evert Van Forreest, residing at Vrouwenkerksteeg 13, Leiden 2312 WS, Netherlands, and Andrew Augustine Wajs, residing at Schotersingel 93, HAARLEM 2023 AA, Netherlands, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on March 1, 2010, which application was assigned U.S. patent application serial number 12/715,047, and is entitled CONDITIONAL ENTITLEMENT PROCESSING FOR OBTAINING A CONTROL WORD:

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Irdeto Access B.V. (the "Assignee"), a corporation of the Country of Netherlands, having a place of business at Jupiterstraat 42, HOOFFDORP 2132 HD, Netherlands, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

#### Additional Application Information

*No Provisional claim for priority is being made at this time.*

*No U.S. Non-Provisional claim for priority is being made at this time.*

*European Patent Office Application Serial No. 09154129.2, filed on March 2, 2009.*

*European Patent Office Application Serial No. 09155007.9, filed on March 12, 2009.*

*European Patent Office Application Serial No. 10154151.4, filed on February 19, 2010.*

US 14307

**ASSIGNMENT**

Client Ref. No. US 14307-PH/td

Assignors: Philip Allan Eisen et al.

Title: CONDITIONAL ENTITLEMENT PROCESSING FOR OBTAINING A CONTROL WORD

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Docket No: 2069.090US1

Serial Number: 12/715,047

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

US 14307

## ASSIGNMENT

Client Ref. No. US 14307-PH/d

Docket No: 2069.090US1

Assignors: Philip Allan Eisen et al.

Serial Number: 12/715,047

Title: CONDITIONAL ENTITLEMENT PROCESSING FOR OBTAINING A CONTROL WORD

Page 3 of 6

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day ofMay, 2010.

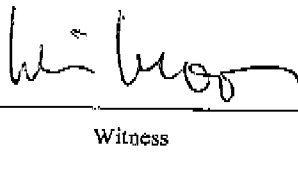
Philip Allan Eisen

STATE OF \_\_\_\_\_)

)ss

COUNTY OF \_\_\_\_\_)

On this 17 day of May, 2010 before me personally appeared Philip Allan Eisen, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

  
Witness

US14302

## ASSIGNMENT

Client Ref. No. US 14307-PH/td

Docket No: 2069,090US1

Assignors: Philip Allan Eisen et al.

Serial Number: 12/715,047

Title: CONDITIONAL ENTITLEMENT PROCESSING FOR OBTAINING A CONTROL WORD

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day ofMay, 20 10.

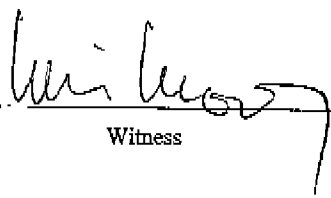
Ettore Benedetti

STATE OF \_\_\_\_\_ )

)ss

COUNTY OF \_\_\_\_\_ )

On this 26 day of May, 20 10 before me personally appeared Ettore Benedetti, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Witness

US14307

## ASSIGNMENT

Client Ref. No. US 14307-PH/d

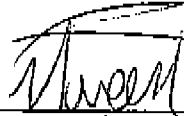
Assignors: Philip Allan Eisen et al.

Title: CONDITIONAL ENTITLEMENT PROCESSING FOR OBTAINING A CONTROL WORD

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Docket No: 2069,090US1

Serial Number: 12/715,047

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day ofMay, 2010.

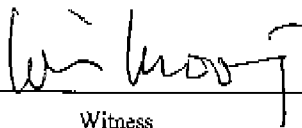
Arnold Evert Van Foreest

STATE OF \_\_\_\_\_)

)ss

COUNTY OF \_\_\_\_\_)

On this 26 day of May, 2010 before me personally appeared Arnold Evert Van Foreest, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Witness

US 14307

## ASSIGNMENT

Client Ref. No. US 14307-PH/td

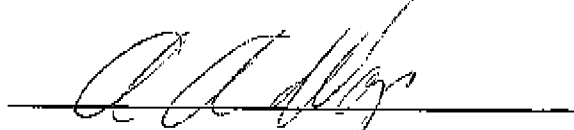
Assignors: Philip Allan Eisen et al.

Title: CONDITIONAL ENTITLEMENT PROCESSING FOR OBTAINING A CONTROL WORD

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Docket No: 2069,090US1

Serial Number: 12/715,047

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day ofMay, 20 10.

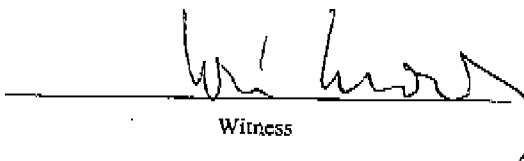
Andrew Augustine Wajs

STATE OF \_\_\_\_\_ )

)ss

COUNTY OF \_\_\_\_\_ )

On this 26 day of May, 20 10 before me personally appeared Andrew Augustine Wajs, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

  
Witness