

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3615293

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL BOYLE	09/09/2014
LYNEL BARROW	09/11/2014
BRENT ADAM	09/12/2014
ROBERTO SIROTICH	09/09/2014
RECEIVING PARTY DATA	
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City:	CALGARY
State/Country:	CANADA
Postal Code:	T2L1Y1
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14467104
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	1005702-228713
NAME OF SUBMITTER:	GREGORY FORREST
SIGNATURE:	/Gregory Forrest/
DATE SIGNED:	11/13/2015
Total Attachments: 5	
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PATENT

REEL: 037034 FRAME: 0038

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(c)Applicant/Patent Owner: Michael BOYLE, et al.Application No./Patent No.: 14/467104Filed/Issue Date: August 25, 2014Titled: System and Method for Authentication in Distributed Computing Environments

SMART Technologies ULC, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose one of options 1, 2, 3 or 4 below):

1. ☒ The assignee of the entire right, title, and interest.
2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):
- ☐ The extent (by percentage) of its ownership interest is _____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose one of options A or B below):

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT**REEL: 037034 FRAME: 0039**

STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

4. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
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5. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
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6. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☒ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Keith Bird/

Signature

Keith Bird

Printed or Typed Name

September 18, 2014

Date

57088

Title or Registration Number

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

ASSIGNMENT

The undersigned inventors: BOYLE, Michael whose complete address is 3636 Research Road NW, Calgary, Alberta T2L 1Y1, Canada, Canada; BARROW, Lynel whose complete address is 3636 Research Road NW, Calgary, Alberta T2L 1Y1, Canada; ADAM, Brent whose complete address is 3636 Research Road NW, Calgary, Alberta T2L 1Y1, Canada; and SIROTICH, Roberto whose complete address is 3636 Research Road NW, Calgary, Alberta T2L 1Y1, Canada; for consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby confirms that they have sold, assigned and transferred and does hereby sell, assign and transfer to SMART Technologies ULC ("Assignee"), whose complete address is 3636 Research Road NW, Calgary, Alberta T2L 1Y1, and Assignee's successors and assigns, their full and exclusive right, title and interest in Canada, the United States of America and throughout the world in and to the invention entitled System And Method For Authentication In Distributed Computing Environments and all their corresponding right, title and interest in and to any and all patents, and all reissues, continuations, divisionals, continuations-in-part, or re-examinations thereof which may be issued for the said invention in Canada, the United States of America and throughout the world, to have and to hold for Assignee's own use and Assignee's successors and assigns as fully and entirely as the same might be enjoyed by them if this assignment had not been made.

The undersigned agrees to do all things reasonably required of them and to execute all instruments submitted to them by the said Assignee at Assignee's own expense, for carrying out the full intent of this Assignment.

EXECUTED at Calgary, September 9, 2014.

Witness: [Signature]
Signature

Inventor: [Signature]
BOYLE, Michael

Stephen Wheatley
Print

Date: September 9, 2014

Witness: [Signature]
Signature

Inventor: [Signature]
BARROW, Lynel

Darwin J. Galbraith
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Date: September 11, 2014

Witness: [Signature]
Signature

Stephan Wlady
Print

Witness: [Signature]
Signature

Ellen Abramsky
Print

Inventor: [Signature]
ADAM, Brent

Date: Sept 12 / 2014

Inventor: [Signature]
SIROTICH, Roberto

Date: SEPT 9 / 14

ACKNOWLEDGEMENT

The undersigned hereby accepts the above assignment.

EXECUTED at Calgary, Alberta, Canada this 15th day of September, 2014.

SMART Technologies ULC

By: [Signature]
(Signature)

Name: _____
(Please Print)

Title: _____
(Please Print)