

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3369956

|                                                                                                                                                                                                 |                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                      |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                          |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                     |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>               |
| ERIK HAGERSTEN                                                                                                                                                                                  | 05/21/2015                          |
| ANDREAS SEMBRANT                                                                                                                                                                                | 05/21/2015                          |
| DAVID BLACK-SCHAFFER                                                                                                                                                                            | 05/21/2015                          |
| STEFANOS KAXIRAS                                                                                                                                                                                | 05/21/2015                          |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                     |
| <b>Name:</b>                                                                                                                                                                                    | GREEN CACHE AB                      |
| <b>Street Address:</b>                                                                                                                                                                          | DÖBELNSGATAN 17                     |
| <b>City:</b>                                                                                                                                                                                    | UPPSALA                             |
| <b>State/Country:</b>                                                                                                                                                                           | SWEDEN                              |
| <b>Postal Code:</b>                                                                                                                                                                             | 75237                               |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                     |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                       |
| <b>Application Number:</b>                                                                                                                                                                      | 14702183                            |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                     |
| <b>Fax Number:</b>                                                                                                                                                                              | (888)232-9785                       |
| <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> |                                     |
| <b>Phone:</b>                                                                                                                                                                                   | 5403611863                          |
| <b>Email:</b>                                                                                                                                                                                   | Tina@ppblaw.com                     |
| <b>Correspondent Name:</b>                                                                                                                                                                      | PATENT PORTFOLIO BUILDERS, PLLC     |
| <b>Address Line 1:</b>                                                                                                                                                                          | P.O. BOX 7999                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | FREDERICKSBURG, VIRGINIA 22404-7999 |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 0701-005-6                          |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | STEVEN M. DUBOIS                    |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Steven M. duBois/                  |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 05/27/2015                          |
| <b>Total Attachments: 5</b>                                                                                                                                                                     |                                     |
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ASSIGNMENT

In accordance with my obligations under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between Green Cache AB, a Swedish Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

**Erik HAGERSTEN of Uppsala, SWEDEN**

**Andreas SEMBRANT of Uppsala, SWEDEN**

**David BLACK-SCHAFER of Uppsala, SWEDEN**

**Stefanos KAXIRAS of Uppsala, SWEDEN**

hereby sell and assign to **Green Cache AB**, having an address at Döbeinsgatan 17, Uppsala, Sweden, 75237, hereinafter referred to as "Company", its successors and assigns my/our entire respective rights, titles and interests in and to the invention and improvements invented and originated by me and described in the US Patent Application No. 14/702,183 for United States Patent currently entitled:

**SYSTEMS AND METHODS FOR IMPLEMENTING A TAG-LESS SHARED CACHE  
AND A LARGER BACKING CACHE**

filed on May 1, 2015

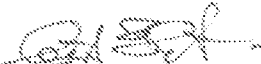
and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, its successors, or assigns. Further, I/we agree to execute all divisional, continuation, reexamination and reissue applications, and to make all rightful oaths related to obtaining proper patent protection for said invention and its improvements in all countries.

The undersigned hereby grant(s) the law firm of Patent Portfolio Builders the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Docket No. 0701-005-6 "Assignment Signature Page"

TITLE: SYSTEMS AND METHODS FOR IMPLEMENTING A TAG-LESS SHARED  
CACHE AND A LARGER BACKING CACHE

INVENTOR 1

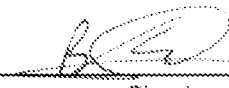
Signature:   
Erik HAGERSTEN

Date: MAY 21 2015

Witnessed by: Niky Nikky  
Signature

Date: MAY 21 2015

Nikos Nikoleris  
Printed Name of Witness

Witnessed by:   
Signature

Date: MAY 21 2015

Vasileios Spiliopoulos  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Erik HAGERSTEN

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_ before me personally came the above-named **Erik HAGERSTEN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

**TITLE: SYSTEMS AND METHODS FOR IMPLEMENTING A TAG-LESS SHARED  
CACHE AND A LARGER BACKING CACHE**

INVENTOR 2

Signature: Andreas Sembrant Date: 21 May 2015  
Andreas SEMBRANT

Witnessed by: Nikos Nikoleris Date: 21 MAY 2015  
Signature

Nikos Nikoleris  
Printed Name of Witness

Witnessed by: Vasileios Spiliopoulos Date: 21 MAY 2015  
Signature

Vasileios Spiliopoulos  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Andreas SEMBRANT Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

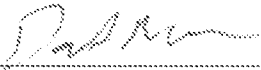
This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Andreas SEMBRANT**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Soaf

\_\_\_\_\_  
(Notary Public)

TITLE: **SYSTEMS AND METHODS FOR IMPLEMENTING A TAG-LESS SHARED  
CACHE AND A LARGER BACKING CACHE**

INVENTOR 3

Signature:  Date: 21-May-2015  
David BLACK-SCHAFER

Witnessed by: Nik N. N. N. Date: 21-MAY-2015  
Signature

Nik N. N. N.  
Printed Name of Witness

Witnessed by:  Date: 21-MAY-2015  
Signature

Vasileios Spiliopoulos  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
David BLACK-SCHAFER Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **David BLACK-SCHAFER**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

DocId: No. 0701-005-6 "Assignment Signature Page"

TITLE: SYSTEMS AND METHODS FOR IMPLEMENTING A TAG-LESS SHARED  
CACHE AND A LARGER BACKING CACHE

INVENTOR 4

Signature: [Signature]  
Stefanos KAXIRAS

Date: MAY 21 2015

Witnessed by: Niky Nikk  
Signature

Date: MAY 21 2015

Niky Nikk  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 21-MAY-2015

Vasileios Spiliopoulos  
Printed Name of Witness

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[Signature]  
Stefanos KAXIRAS

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Stefanos KAXIRAS**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)