

Form PTO-1595 (Rev. 03-11)  
OMB No. 0651-0027 (exp. 04/30/2016)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

SES IP AB

Additional name(s) of conveying party(ies) attached?  Yes  No

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

Name: Dalslands Sparbank

Internal Address: Attn: Marcus Johansson

Street Address: Köpmantorget 1

City: Mellerud

State: \_\_\_\_\_

Country: Sweden Zip: 464 21

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 07/18/2013

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

6,271,427  
and  
8,419,812

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Hampus Thofte

Internal Address: \_\_\_\_\_

Street Address: 101 Park Avenue

25th floor

City: New York

State: New York Zip: 10178

Phone Number: 212 682 0680

Docket Number: \_\_\_\_\_

Email Address: hte@msa.se

**6. Total number of applications and patents involved: 2**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 80**

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**



July 24, 2013

Signature

Date

Hampus Thofte

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1480, Alexandria, V.A. 22313-1480

## Re-submission of Recordation Form Cover Sheet

Corrected information

Document ID Reference Number: **103660584**

## PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT ("Patent Security Agreement"), dated as of July 18, 2013, is made by the party listed on the signature page hereof (the "Grantor") in favor of Dalslands Sparbank (Swedish Reg No. 562500-5243) (the "Secured Party"), a Swedish bank located at Köpmantorget 1, 464 21 Mellerud, Sweden.

WHEREAS, Tyre Recycling in Sweden AB (Swedish Reg. No. 556784-1787) (the "Borrower") has entered into a Loan Agreement and ancillary documents with the Secured Party (document ID No. 585.305.849-2) (the "Loan Agreement").

WHEREAS, for the benefit of the Secured Party, the Grantor has executed a guaranty for the due fulfillment of all of the Borrower's obligations under the Loan Agreement, attached hereto as Annex 1 (the "Guaranty").

WHEREAS, as a condition precedent to the making of loans under the Loan Agreement, the Grantor is required to execute and deliver to the Secured Party this Patent Security Agreement, for recording with national, federal and state government authorities, including, but not limited to, the United States Patent and Trademark Office.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor agrees with the Secured Party as follows:

1. Grant of Security. As security for the due fulfillment of payment(s) under the Guaranty, the Grantor hereby pledges and grants to the Secured Party, for the benefit of the Secured Party, a security interest in and to all of the right, title and interest of the Grantor in, to and under the following, wherever located, and whether now existing or hereafter arising or acquired from time to time (the "Patent Collateral"):

(a) the patents set forth in Annex 2 hereto and all reissues, divisions, continuations, continuations-in-part, renewals, extensions and reexaminations thereof and amendments thereto (the "Patents");

(b) all rights of any kind whatsoever of the Grantor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world;

(c) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and

*Handwritten initials: "B" and "A"*

(d) any and all claims and causes of action, with respect to any of the foregoing, whether occurring before, on or after the date hereof, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

2. Recordation. The Grantor authorizes the Commissioner for Patents and any other government officials to record and register this Patent Security Agreement upon request by the Secured Party. The Grantor further authorizes the Secured Party to file a UCC-1 Financing Statement and any other documents and forms necessary for the recordation of the security interest granted by the Grantor under this Patent Security Agreement.

3. Execution in Counterparts. This Patent Security Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Patent Security Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Patent Security Agreement.

4. Successors and Assigns. This Patent Security Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.


5. Governing Law. This Patent Security Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Patent Security Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of New York, without giving effect to any choice or conflict of law provision or rule (whether of the State of New York or any other jurisdiction).

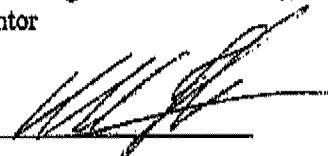
6. Further Assurances. The Grantor shall, from time to time at the request of the Secured Party, without any additional consideration, furnish the Secured Party such further information or assurances, execute and deliver such additional documents, instruments and conveyances, and take such other actions and do such other things, as may be necessary or desirable, in the reasonable opinion of counsel to the Secured Party, to carry out the provisions of this Agreement and give effect to the transactions and legal effects contemplated hereby.

[SIGNATURE PAGE FOLLOWS]

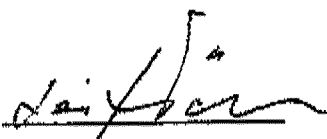
IN WITNESS WHEREOF, the Grantor has caused this Patent Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

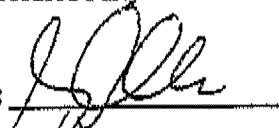
SES IP AB  
(Swedish Reg. No. 556894-0695),  
as Grantor

By:   
Name: Stig-Arne Blom  
Title: Ord förman

By:   
Name: Martin Hagbyhn  
Title: Styrelse ledamot  
Address for Notices:  
SES IP AB  
c/o Scandinavian Enviro Systems AB  
Hugo Grauers Gata 3B  
411 33 Göteborg, Sweden

AGREED TO AND ACCEPTED:

By:   
Name: Leif Törnros  
Title: VD

DALSLANDS SPARBANK,  
as Secured Party  
By:   
Name: Magnus Ohlson  
Title: CEO  
Address for Notices:  
Dalslands Sparbank  
Attn: Marcus Johansson  
Köpmantorget 1  
464 21 Mellerud, Sweden

**ANNEX 1**  
**GUARANTY**

## ANNEX 2

## PATENTS PLEDGED TO THE SECURED PARTY

PATENT NO.:

6,271,427

ISSUE DATE:

AUGUST 7, 2001

TITLE:

METHOD FOR RECOVERY OF CARBON AND COMBINATIONS OF  
HYDROCARBONS FROM POLYMERS, PREFERABLY IN THE FORM OF  
DISPOSED TYRES, BY PYROLYSIS IN A PYROLYSIS REACTOR

DATE OF RECORDED ASSIGNMENT TO GRANTOR:

JUNE 20, 2013

PATENT NO.:

8,419,812

ISSUE DATE:

APRIL 16, 2013

TITLE:

REACTOR FOR PYROLYSIS AND METHOD FOR CHARGING AND EMPTYING  
SUCH A REACTOR

DATE OF RECORDED ASSIGNMENT TO GRANTOR:

FEBRUARY 25, 2013