

PATENT ASSIGNMENT

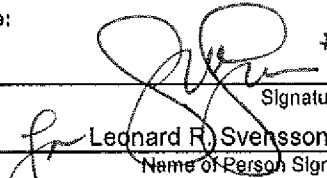
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Markku RAIKO	11/13/2011
RECEIVING PARTY DATA	
Name:	AF-CONSULT OY
Street Address:	PL 61
City:	Vantaa
State/Country:	FINLAND
Postal Code:	FIN-01601
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13319020
CORRESPONDENCE DATA	
Fax Number:	(858)792-3785
Phone:	(858) 792-8855
Email:	mailroom@bskb.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Brich, Stewart, Kolasch & Birch, LLP
Address Line 1:	P.O. Box 747
Address Line 4:	Falls Church, VIRGINIA 22040-0747
ATTORNEY DOCKET NUMBER:	2835-0202PUS1
NAME OF SUBMITTER:	Mark J. Nuell
Total Attachments: 3 source=20111230Assignment28350202PUS1#page1.tif source=20111230Assignment28350202PUS1#page2.tif source=20111230Assignment28350202PUS1#page3.tif	

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**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): Markku RAIKO		2. Name and address of receiving party(ies) Name: <u>ÄF-CONSULT OY</u> Internal Address: _____ Street Address: _____	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		PL 61 City: <u>Vantaa</u> State: _____ Country: <u>Finland</u> Zip: <u>FIN-01601</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>November 13, 2011</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____		This document is being filed together with a new application. <input type="checkbox"/> A. Patent Application No.(s) <u>13/319,020</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Application or patent number(s): A. Patent Application No.(s) <u>13/319,020</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Leonard R. Svensson</u> <u>BIRCH, STEWART, KOLASCH & BIRCH,</u> <u>LLP</u> Internal Address: <u>Atty. Dkt.: 2835-0202PUS1</u> Street Address: <u>12770 High Bluff Drive</u> <u>Suite 260</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92130</u> Phone Number: <u>(858) 792-8855</u> Fax Number: <u>(858) 792-3785</u> Email Address: <u>mailroom@bskb.com</u>	
6. Name and address to whom correspondence concerning document should be mailed: Name: <u>Leonard R. Svensson</u> <u>BIRCH, STEWART, KOLASCH & BIRCH,</u> <u>LLP</u> Internal Address: <u>Atty. Dkt.: 2835-0202PUS1</u> Street Address: <u>12770 High Bluff Drive</u> <u>Suite 260</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92130</u> Phone Number: <u>(858) 792-8855</u> Fax Number: <u>(858) 792-3785</u> Email Address: <u>mailroom@bskb.com</u>		6. Total number of applications and patents involved: <input type="text" value="1"/> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>02-2448</u> Authorized User Name <u>Leonard R. Svensson</u>		9. Signature:  <u>#47,604</u> Signature _____ Date <u>December 30, 2011</u> Name of Person Signing <u>Leonard R. Svensson - 30,330</u> Total number of pages including cover sheet, attachments, and documents: <input type="text" value="3"/>	

BIRCH, STEWART, KOLASCH & BIRCH, LLP
UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No. 13/319,020 Filed November 4, 2011

Insert Name(s) of Inventor(s) ***** (Given Name FAMILY NAME (ALL CAPS)) *****

WHEREAS, Markku RAIKO (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:

Insert Title of Invention **A METHOD FOR THE THERMAL TREATMENT OF BIOMASS IN CONNECTION WITH A BOILER PLANT**

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application)

Insert Date of Signing of Application on _____; and

Insert Name of Assignee **WHEREAS, ÅF-CONSULT OY**

Insert Address of Assignee **of PL 61, FIN-01601 Vantaa, FINLAND**

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX IF APPROPRIATE in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignees the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 12.11.2011

Name of Inventor 
(signature) Markku RAIKO