

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
CONVEYING PARTY DATA																					
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jari Vehmaanpera</td><td>08/04/2008</td></tr><tr><td>Marika Alapuranen</td><td>08/04/2008</td></tr><tr><td>Terhi Puranen</td><td>08/04/2008</td></tr><tr><td>Matti Siika-aho</td><td>08/04/2008</td></tr><tr><td>Jarno Kallio</td><td>08/04/2008</td></tr><tr><td>Satu Hooman</td><td>08/04/2008</td></tr><tr><td>Sanni Voutilainen</td><td>08/04/2008</td></tr><tr><td>Teemu Halonen</td><td>08/04/2008</td></tr><tr><td>Liisa Viikari</td><td>08/04/2008</td></tr></tbody></table>		Name	Execution Date	Jari Vehmaanpera	08/04/2008	Marika Alapuranen	08/04/2008	Terhi Puranen	08/04/2008	Matti Siika-aho	08/04/2008	Jarno Kallio	08/04/2008	Satu Hooman	08/04/2008	Sanni Voutilainen	08/04/2008	Teemu Halonen	08/04/2008	Liisa Viikari	08/04/2008
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RECEIVING PARTY DATA																					
<table border="1"><tr><td>Name:</td><td>Roal Oy</td></tr><tr><td>Street Address:</td><td>Tykkimaentie 15</td></tr><tr><td>City:</td><td>Rajamaki</td></tr><tr><td>State/Country:</td><td>FINLAND</td></tr><tr><td>Postal Code:</td><td>FI-05200</td></tr></table>		Name:	Roal Oy	Street Address:	Tykkimaentie 15	City:	Rajamaki	State/Country:	FINLAND	Postal Code:	FI-05200										
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PROPERTY NUMBERS Total: 1																					
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Application Number:	12917603																				
CORRESPONDENCE DATA																					
Fax Number:	(617)720-9601																				
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Email:	gsmith@bannerwitcoff.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:	BANNER & WITCOFF, LTD.																				
Address Line 1:	28 STATE STREET																				
Address Line 2:	SUITE 1800																				

501733875

PATENT
REEL: 027273 FRAME: 0903

CH \$40.00 12917603

Address Line 4: BOSTON, MASSACHUSETTS 02109-1701

ATTORNEY DOCKET NUMBER:

01942-00050

NAME OF SUBMITTER:

John P. Iwanicki

Total Attachments: 4

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ASSIGNMENT

Case No.: 01942-00045 Serial No.: 12/141,976

Inventors: Jari Vehmaanperä, Marika Alapuranen, Terhi Puranen, Matti Siika-Aho, Jarno Kallio, Satu Hooman, Sanni Voutilainen, Teemu Halonen, and Liisa Viikari

Date of Execution

of Application: _____

Filing Date: June 19, 2008

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Roal Oy
of Rajamäki, FINLAND

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

TREATMENT OF CELLULOSIC MATERIAL AND ENZYMES USEFUL THEREIN

and identified as:

Attorney Docket No. 01942-00045

in the offices of Banner & Witcoff, Ltd. and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any

Assignment of Rights to Invention

U.S. Patent Application Serial No. 12/141,976

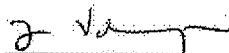
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Attorney Docket No. 01942-00045

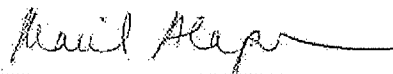
PATENT
REEL: 027273 FRAME: 0905

improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.


Date: August 4, 2008
(month/day/year [US]) (day/month/year [for.])


Jari Vehmaanperä

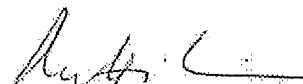
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Marika Alapuranen

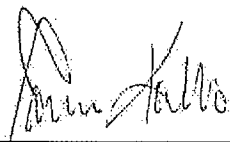
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Date: August 4, 2008
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Matti Siika-aho

Date: August 4, 2008
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Jarno Kallio

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Assignment of Rights to Invention

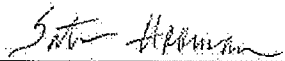
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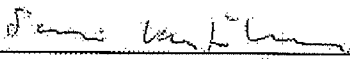
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Date: August 4, 2008
(month/day/year [US]) (day/month/year [for.])


Satu Hooman


Date: August 4, 2008
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Sanni Voutilainen

Date: August 4, 2008
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Liisa Viikari

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