### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2886658

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JARI RASANEN	05/12/2014
ISTO HEISKANEN	05/19/2014
RISTO LAITINEN	05/14/2014

### **RECEIVING PARTY DATA**

Name:	STORA ENSO OYJ
Street Address:	P.O. BOX 309
City:	HELSINKI
State/Country:	FINLAND
Postal Code:	FI-00101

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14350616

### CORRESPONDENCE DATA

Fax Number: (703)205-8050

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.

Phone: (703) 205-8000

Email: mailroom@bskb.com, lboone@bskb.com BIRCH, STEWART, KOLASCH & BIRCH, LLP **Correspondent Name:** 

Address Line 1: P.O. BOX 747

Address Line 4: FALLS CHURCH, VIRGINIA 22040-0747

ATTORNEY DOCKET NUMBER:	0696-0381PUS1
NAME OF SUBMITTER:	LA TESA BOONE
SIGNATURE:	/LA TESA BOONE/
DATE SIGNED:	06/05/2014

### **Total Attachments: 9**

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PATENT

REEL: 033042 FRAME: 0405

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> PATENT REEL: 033042 FRAME: 0406

Attorney Docket No. 0696-0381PUS1 Execution Date: May 12, 14 & 19, 2014

### BIRCH, STEWART, KOLASCII & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

### DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

Title of Invention ⇒ PACKAGING BOARD, ITS USE AND PRODUCTS MADE THEREOF

		As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
Application not Attached	ಭ	This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Enter Appln, No.	¢	United States Application Number or PCT International Appln. No. 14/350616
Enter Filing Date	ಣ	filed on 9 April 2014
		The above-identified application was made or authorized to be made by me.
		I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
		I have reviewed and understand the contents of the above-identified application, including the claims.
		I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations $\S$ 1.56.
		WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
Insert Name of Assignee	e>	WHEREAS, STORA ENSO OYJ
insert Address of Assignce	⇔	of P.O. Box 309, FI-00101 Helsinki, Finland
v		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 receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee 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.

Page 1

BSKB-DECASSIGN(09-12)

The undersigned agrees 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  $\bar{\mathbf{w}}$ ith such applications as the Assignee may deem necessary or expedient.

The undersigned agrees 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 Letters 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 agrees 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 agrees 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 authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) 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 the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

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

	LEGAL N.	AME OF INVENTOR		
Inventor's Name	→ Inventor:	Jari RÄSÄNEN	Date:	12.05,2014
inventor's Signature	° ⇒ Signature:	<u> </u>		
An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.				
use a separate	torm for each i	nventor; or theck the box below and complete the mached po	rector to up	attentional mechanism
Additiona	l inventors are l	being named on the $1$ supplemental sheet(s) attached here	eto.	

BSKB-DECASSIGN-SINGLE (09-12)

# SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

# ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔ Inventor:	Isto HEISKANEN	Date:
Inventor's Signature	⇔ Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒ Inventor:	Risto LAITINEN	Date:
Inventor's Signature	-		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:		Date:
Inventor's Signature	⇔Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:		Date:
Inventor's Signature	⇔Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:		Date:
Inventor's Signature	⇔Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:		Date:
Inventor's Signature	⇔Signature:		
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:		Date:
Inventor's Signature	⇔Signature:′	·	
	LEGAL NA	ME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:		Date:
Inventor's Signature	⇔Signature:		

BSKB-DECASSIGN\(09-12)

PATENT REEL: 033042 FRAME: 0409

### BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

## DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

Title of Invention PACKAGING BOARD, ITS USE AND PRODUCTS MADE THEREOF

	As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
Application not Attached	This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Euter Appln. No.	⇔ United States Application Number or PCT International Appln. No. 14/350616
Enter Filing Date	* filed on 9 April 2014
	The above-identified application was made or authorized to be made by me.
	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
	I have reviewed and understand the contents of the above-identified application, including the claims.
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.
·	WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
Insert Name of Assignee	♦ WHEREAS, STORA ENSO OYJ
Insert Address of Assignce	⇒ of P.O. Box 309, FI-00101 Helsinki, Finland
0	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 receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee 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.

BSKB-DECASSIGN(09-12)

The undersigned agrees 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.

1.14

The undersigned agrees 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 Letters 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 agrees 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 agrees 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 authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) 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 the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

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

		LEGAL NA	AME OF INVENTOR	
Inventor's Name	⇔	Inventor:	Jari RÄSÄNEN	Date:
Inventor's Signatur	e ⇔	Signature:		
An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.				
✓ Additiona	l in	ventors are b	eing named on the $1$ supplemental sheet(s) attached heret	to.

Page 2

BSKB-DECASSIGN-SINGLE (09-12)

## SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

# ADDITIONAL INVENTOR(S) Supplemental Sheet Page \_\_1\_ of \_\_1\_

	DESIGNATION OF JOHN INVENTOR, IF AND	
Inventor's Name	→ Inventor: Isto HEISKANEN	Date: 19.05.2014
Inventor's Signature		
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
	monstrained joner happineou, it men	
Inventor's Name	* Inventor: Risto LAITINEN	Date:
Inventor's Signature	⇒ Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:	Date:
Inventor's Signature	⇔Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
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nventor's Name	Sinventor:	Date:
aventer's Signature	Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
wentor's Name	<sup>4</sup> Inventor:	Date:
ivenior's Signature	Signature:	

BSKB-DECASSIGN\(09-12)

PATENT REEL: 033042 FRAME: 0412

### BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

### **DECLARATION AND ASSIGNMENT** FOR PATENT AND DESIGN APPLICATIONS

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	The above-identified application was made or authorized to be made by me.
	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
	I have reviewed and understand the contents of the above-identified application, including the claims.
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations § 1.56.
	WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
nsert Name of Assignee	→ WHEREAS, STORA ENSO OYJ
nsert Address of Assignce	⇒ of P.O. Box 309, FI-00101 Helsinki, Finland
P. C.	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
Theck Box if Appropriate	in any foreign countries.
	NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee 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 of terms for which the same may be granted.

BSKB-DECASSIGN(09-12)

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

		LEGAL NA	AME OF INVENTOR			
Inventor's Name	⇔	Inventor:	Jari RÄSÄNEN	Date:		
Inventor's Signature	e⇔	Signature:				
An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.						
$\checkmark$ Additional inventors are being named on the $1$ supplemental sheet(s) attached hereto.						

Page 2

BSKB-DECASSIGN-SINGLE (09-12)

# SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

## ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name ==	Inventor: Isto HEISKANEN	Date:
Inventor's Signature	Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name "	Inventor: Risto LAITINEN	Date: 14 05. 2014
Inventor's Signature	Signature: Vitte +	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:	Date:
Inventor's Signature	⇔Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:	Date:
Inventor's Signature	*Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	•
Inventor's Name	*Inventor:	Date:
Inventor's Signature	*Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name	SInventor:	Date:
Inventor's Signature	⇔Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:	Date:
Inventor's Signature	⇒Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name	©Inventor:	Date:
Inventor's Signature	<sup>rò</sup> Signature:	yuu

BSKB-DECASSIGN\ (09-12)

PATENT REEL: 033042 FRAME: 0415

**RECORDED: 06/05/2014**