

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ange Swerin</td> <td>09/12/2003</td> </tr> <tr> <td>Jay C. Song</td> <td>09/12/2003</td> </tr> <tr> <td>Ladislav Bednarik</td> <td>10/09/2003</td> </tr> <tr> <td>Peter F. Lee</td> <td>10/10/2003</td> </tr> <tr> <td>Michael Herman</td> <td>10/31/2003</td> </tr> <tr> <td>Sen Yang</td> <td>10/23/2003</td> </tr> </tbody> </table>		Name	Execution Date	Ange Swerin	09/12/2003	Jay C. Song	09/12/2003	Ladislav Bednarik	10/09/2003	Peter F. Lee	10/10/2003	Michael Herman	10/31/2003	Sen Yang	10/23/2003
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Sen Yang	10/23/2003														
<b>RECEIVING PARTY DATA</b>															
<b>Name:</b>	International Paper Company														
<b>Street Address:</b>	400 Altantic Street														
<b>City:</b>	Stamford														
<b>State/Country:</b>	CONNECTICUT														
<b>Postal Code:</b>	10577														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12215686</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12215686										
Property Type	Number														
Application Number:	12215686														
<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(513)248-6451														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
<b>Email:</b>	jane.tomlinson@ipaper.com														
<b>Correspondent Name:</b>	International Paper Company														
<b>Address Line 1:</b>	6285 Tri-Ridge Boulevard														
<b>Address Line 4:</b>	Loveland, OHIO 45140														
<b>ATTORNEY DOCKET NUMBER:</b>	TEC-023445-N1 ASN														
<b>NAME OF SUBMITTER:</b>	Thomas W. Barnes														

**CH \$40.00 12215686**

**Total Attachments: 8**

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IP 023445  
PATENTASSIGNMENT

We, Agne Swerin, having residence address at 53 Echo Lane, Warwick, New York 10990, citizen of Sweden, and Jay C. Song, having residence address at 7 Yale Drive, Highland Mills, New York 10930, citizen of the United States, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to INTERNATIONAL PAPER COMPANY, a corporation of the State of New York, having a place of business at 400 Atlantic Street, Stamford, Connecticut 10577, its successors, assigns and legal representatives, the entire right, title and interest in the United States and throughout the world in and to all subject matter invented by us and disclosed in the application for letters Patent of the United States entitled PAPER WITH IMPROVED STIFFNESS AND BULK AND METHOD FOR MAKING SAME, Serial No. (unassigned), claiming priority to provisional application Serial No. 60/410,666 filed September 13, 2002, and in any and all applications for patent therefor in any and all countries, including any divisions, reissues, continuations and extensions thereof, and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in the United States and all other countries throughout the world, for all such subject matter. We each agree to sign all papers necessary to secure said Letters Patent and rights, and request issuance of all said Letters Patent to said INTERNATIONAL PAPER COMPANY in accordance with this assignment.

PATENT  
REEL: 021256 FRAME: 0374

IP 023445  
PATENT

Executed: 9/12, 2003

Agne Swerin  
Agne Swerin

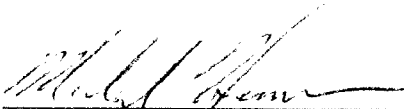
Executed: 9/12, 2003

Jay C Song  
Jay C. Song


**ASSIGNMENT**

We, Michael Herman, having residence address at 6 Van Keuren Court, Monroe, New York 10959 and Sen Yang, having residence address at 32 Terrace Avenue, Nanuet, New York 10954, citizens of the United States, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to INTERNATIONAL PAPER COMPANY, a corporation of the State of New York, having a place of business at 400 Atlantic Street, Stamford, Connecticut 10577, its successors, assigns and legal representatives, the entire right, title and interest in the United States and throughout the world in and to all subject matter invented by us and disclosed in the application for letters Patent of the United States entitled PAPER WITH IMPROVED STIFFNESS AND BULK AND METHOD FOR MAKING SAME, Serial No. (unassigned), claiming priority to provisional application Serial No. 60/410,666 filed September 13, 2002, and in any and all applications for patent therefor in any and all countries, including any divisions, reissues, continuations and extensions thereof, and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in the United States and all other countries throughout the world, for all such subject matter. We each agree to sign all papers necessary to secure said Letters Patent and rights, and request issuance of all said Letters Patent to said INTERNATIONAL PAPER COMPANY in accordance with this assignment.

Executed: Oct 31, 2003

  
Michael Herman


Executed: Oct. 23, 2003

  
Sen Yang

**ASSIGNMENT**

I, Peter F. Lee, having residence address at One Fox Street Parnell, PO Box 50, Auckland, New Zealand, citizen of the United States, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to INTERNATIONAL PAPER COMPANY, a corporation of the State of New York, having a place of business at 400 Atlantic Street, Stamford, Connecticut 10577, its successors, assigns and legal representatives, the entire right, title and interest in the United States and throughout the world in and to all subject matter invented by us and disclosed in the application for letters Patent of the United States entitled PAPER WITH IMPROVED STIFFNESS AND BULK AND METHOD FOR MAKING SAME, Serial No. (unassigned), claiming priority to provisional application Serial No. 60/410,666 filed September 13, 2002, and in any and all applications for patent therefor in any and all countries, including any divisions, reissues, continuations and extensions thereof, and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in the United States and all other countries throughout the world, for all such subject matter. We each agree to sign all papers necessary to secure said Letters Patent and rights, and request issuance of all said Letters Patent to said INTERNATIONAL PAPER COMPANY in accordance with this assignment.

Executed: 10 Oct, 2003

  
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Peter F. Lee



**ASSIGNMENT**

I, Ladislav Bednarik, having residence address at 6201 Pintail Court, Loveland, Ohio 45140, citizen of the United States, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to INTERNATIONAL PAPER COMPANY, a corporation of the State of New York, having a place of business at 400 Atlantic Street, Stamford, Connecticut 10577, its successors, assigns and legal representatives, the entire right, title and interest in the United States and throughout the world in and to all subject matter invented by us and disclosed in the application for letters Patent of the United States entitled PAPER WITH IMPROVED STIFFNESS AND BULK AND METHOD FOR MAKING SAME, Serial No. (unassigned), claiming priority to provisional application Serial No. 60/410,666 filed September 13, 2002, and in any and all applications for patent therefor in any and all countries, including any divisions, reissues, continuations and extensions thereof, and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in the United States and all other countries throughout the world, for all such subject matter. We each agree to sign all papers necessary to secure said Letters Patent and rights, and request issuance of all said Letters Patent to said INTERNATIONAL PAPER COMPANY in accordance with this assignment.

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Executed: 10/9, 2003

  
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Ladislav Bednarik