

4-22



Recordatic PAT

05-05-2008



103500332

Pat No. 1032221-000099

class(es) below.

To the Director of the U.S. Patent and Trademark Office: Please

1. Name of conveying party(ies):

Tommi HONKANEN, Ari HAVU, Arvo JONKKA

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

METSO PAPER, INC.
Fabianinkatu 9 A
FI-00130 Helsinki, FINLAND

3. Nature of Conveyance/Execution Date(s):

Execution Date(s): February 28, 2008, February 27, 2008, March 26, 2008

- Assignment
- Security Agreement
- Joint Research Agreement
- Government Interest Agreement
- Other: _____
- Executive Order 9424 Confirmatory License
- Merger
- Change of Name

4. Application or patent number(s):

A. Patent Application No.(s)
12/076,398

B. Patent No.(s)

This document is being filed together with a new application.

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

Name: Benton S. Duffett, Jr.
Address: Buchanan Ingersoll & Rooney PC
Customer Number 21839
P.O. Box 1404
Alexandria, VA 22313-1404

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- Authorized to be charged by credit card. PTO Form 2038 attached.
- Authorized to be charged to deposit account 02-4800
- Enclosed.
- None required (gov't interest not affecting title)

8. Signature: Benton S. Duffett, Jr.
Signature

22030 Reg. No. April 29, 2008 Date

Benton S. Duffett, Jr.
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

05/02/2008 DBYRNE 00000035 024800 12076398
01 FC:0021 40.00 DA

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 1450, Alexandria, VA 22313-1450

PATENT
REEL: 020901 FRAME: 0494

ASSIGNMENT**(JOINT)**

THIS ASSIGNMENT, by Tommi HONKANEN, Ari HAVU ja Arvo JONKKA residing at Ekintie 15, FI-28760 Pori, Finland, Riihikedonkatu 19, FI-28130 Pori, Finland ja Mäntykatu 20, FI-28430 Pori, Finland (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **PROCESSING APPARATUS OF WOOD TO BE CHIPPED** set forth in an application for Letters Patent of the United States, which is a

- (1) provisional application
- (a) bearing Application No. _____, and filed on _____;
- (b) to be filed herewith; or
- (2) non-provisional application
- (a) bearing Application No. 12/076,398, and filed on March 18, 2008
- (b) having an oath or declaration executed on even date herewith prior to filing of application;
- (c) having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, METSO PAPER, INC., a corporation duly organized under and pursuant to the laws of FINLAND and having a principal place of business at Fabianinkatu 9 A, FI-00130 Helsinki, Finland (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever

(7/06)
Page 1 of 2

counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

PATENT

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention **REEL: 020901 FRAME: 0495**

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by Tommi HONKANEN, Ari HAVU ja Arvo JONKKA residing at Ekintie 15, FI-28760 Pori, Finland, Riihikedonkatu 19, FI-28130 Pori, Finland ja Mäntykatu 20, FI-28430 Pori, Finland (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in PROCESSING APPARATUS OF WOOD TO BE CHIPPED set forth in an application for Letters Patent of the United States, which is a

- (1) provisional application
- (a) bearing Application No. _____, and filed on _____ ;
- (b) to be filed herewith; or
- (2) non-provisional application
- (a) bearing Application No. 12/076,398, and filed on March 18, 2008
- (b) having an oath or declaration executed on even date herewith prior to filing of application;
- (c) having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, METSO PAPER, INC., a corporation duly organized under and pursuant to the laws of FINLAND and having a principal place of business at Fabianinkatu 9 A, FI-00130 Helsinki, Finland (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever

counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE 28.2.2008 _____
Tommi Honkanen

DATE 27.2.2008 _____
Ari Havu

DATE 26.03.2008 _____
Arvo Jonkka

DATE _____

