

3/8/04

FORM PTO-1595
P24369.p06

RECC

03-11-2004

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner of Patents and

Documents or copy thereof.

1. Name of Conveying party(ies):

RINKE, Andreas
JAHNKE, Matthias
MEYER, Ralf
DOMBEK, Manfred
ELGES, Johann
POPP, Konrad



102691021

...y(ies)

Name: Hauni Maschinenbau AG

Internal Address: _____

Street Address: Kurt-A.-Körber-Chaussee 8-32, 21033 Hamburg,
Germany

City: _____ State: _____ ZIP: _____

Additional name(s) and address(es) attached? Yes No

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: January 29, 26, 22, 21, February 4, and 16, 2004

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
10/726,642

B. Patent No.(s)

Additional numbers attached: Yes No

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

Name: Neil F. Greenblum
Internal Address: P24369
Street Address: GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

19-0089
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Neil F. Greenblum, Reg. No. 28,394
Name of Person Signing

Signature 10/35,413

Date March 8, 2004

Total number of pages including cover sheet, attachments and document: 8

03/10/2004 ECOMPER 00000045 10726642

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Mail documents to be recorded with required cover sheet information to:
Director of the United States Patent and Trademark office, Mail Stop Assignments
PO Box 1450 Alexandria, Virginia 22313-1450

PATENT
REEL: 015048 FRAME: 0148

ASSIGNMENT

WHEREAS, Andreas RINKE, a citizen of Germany, whose Post Office Address is Armenberg 23, 23843 Bad Oldesloe, Germany; Matthias JAHNKE, a citizen of Germany, whose Post Office Address is Henriette-Herz-Garten 39, 21035 Hamburg, Germany; Ralf MEYER, a citizen of Germany, whose Post Office Address is Am Silberberg 23, 29581 Gerdau/Bohlsen, Germany; Manfred DOMBEK, a citizen of Germany, whose Post Office Address is Meyersweg 24, 21521 Dassendorf, Germany; Johann ELGES, a citizen of Germany, whose Post Office Address is Bresener Str. 17, 86368 Gersthofen, Germany; and Konrad POPP, a citizen of Germany, whose Post Office Address is Bayer Str. 72, 86199 Augsburg, Germany, hereinafter referred to as the ASSIGNORS, has invented a certain improvement relating to

MULTIFUNCTIONAL CONVEYOR DRUM

for which they have jointly executed an application for Letters Patent of the United States filed in the United States Patent and Trademark Office on December 4, 2003 that was awarded Application No. 10/726,642.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043 and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 10/726,642, filed 12/04/2003) the filing date and application number of said application when known.

AND WHEREAS, Hauni Maschinenbau AG, a corporation organized and existing under the laws of the State of Germany, whose post-office address is Kurt-A.-Körber-Chaussee 8-32, 21033 Hamburg, Germany, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations

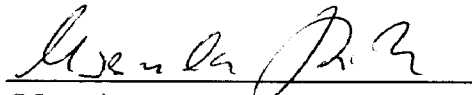
reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by Andreas RINKE, this 29th day of January 2004, at (address) Armenberg 23, 23843 Bad Oldesloe

First Witness: Ursula Rinke


(Name)

01/29/04
(Date)


Andreas RINKE

Second Witness:

(Name)

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Matthias JAHNKE, this 26 day of January 2004, at (address) HANNOVER HAMBURG.

First Witness: Vera Becker
Ladenbecker Weg 4
21033 Hamburg, Germany

Vera Becker
(Name)

01/26/2004
(Date)

Matthias Jahnke
Matthias JAHNKE

Second Witness:

(Name)

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Ralf MEYER, this 22 day of January 2004, at (address) Hannover Hamburg.

First Witness: Vera Becker
Ladenbecker Weg 4
21033 Hamburg

Vera Becker
(Name)

01/22/2004
(Date)

Ralf Meyer
Ralf MEYER

Second Witness:

(Name)

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Manfred DOMBEK, this 21 day of January 2004, at (address) Hamburg, Hawaii.

First Witness: Vera Becker, Ladenbeker Weg
21033 Hamburg, Germany

[Signature]
(Name)

01/21/2004
(Date)

[Signature]
Manfred DOMBEK

Second Witness:

(Name)

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Johann ELGES, this 4 day of February 2004, at (address) Dresdener Str. 17, 86369 Gersthofen

First Witness: Wiebke Elges
Wiebke Elges
(Name)

02/04/2004
(Date)

[Signature]
Johann ELGES

Second Witness:

(Name)

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Konrad POPP, this 16 day of February 2004, at (address) Bayer Str. 72, 86199 Augsburg.

First Witness: Young Hyang Popp

Young Popp
(Name)

02/16/2004
(Date)

Konrad Popp
Konrad POPP

Second Witness:

(Name)

(Date)