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To the Honorable Com
Please record the attach.

Attorney Dkt. No.: 031599/256835

1. Name of conveying party(ies):

Wim van de Camp
Xiaokai Niu

03/20/03

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

Sonoco Development, Inc.
1 North Second Street
Hartsville, SC 29550



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

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other _____

Execution Date: March 13, 2003

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

4. Application No. Not Yet Assigned

Patent No.

If this document is being filed together with a new application, the execution date of the application is: March 20, 2003

Additional numbers attached? Yes No

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

ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000

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: 16-0605

03/20/2003 ECDOPER 00000123 10392513
01 15021 40.00 DP

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.*

Name of Person Signing: Keith A. Roberson

March 20, 2003

Date

Reg. No. 52,171

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

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Sonoco Development, Inc.
1 North Second Street
Hartsville, South Carolina 29550

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in **"PAPERBOARD TUBE STRUCTURES WITH ONE OR MORE CUT-AND-FOLDED PLIES"**

as set forth in this United States Patent Application

- executed concurrently herewith
- executed on
- Application No. ___; filed
- Application claims priority from Application No. _____, filed _____, all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

March 13, 2003
Date

[Signature]
Wim van de Camp

State of South Carolina)
County of Darlington)

I, Suzanne Rogers, a Notary Public for said County and State, do hereby certify that Wim van de Camp personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 13th day of March, 2003.

(Official Seal)

Suzanne R. Rogers
Notary Public

My commission expires December 6, 2012

3-13-03
Date

[Signature]
Xiaokai Niu

State of South Carolina)
County of Darlington)

I, Suzanne R. Rogers, a Notary Public for said County and State, do hereby certify that Xiaokai Niu personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 13th day of March, 2003.

(Official Seal)

Suzanne R. Rogers
Notary Public

My commission expires December 6, 2012