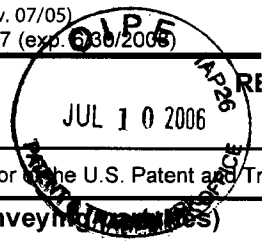


07-14-2006



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To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es) below.

7-10-06

1. Name of conveying party(ies)
Joseph W. Kernodle
John S. Davis
John C. Peck
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Clemson University
Internal Address: _____
Street Address: _____
City: Clemson
State: South Carolina
Country: USA Zip 29631
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3. Nature of conveyance/Execution Date(s):
Execution Date(s) 5/18/06, 5/18/06, 5/25/06
 Assignment Merger
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4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
11/397,951
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Dority & Manning, P.A.
Internal Address: _____
Street Address: P O Box 1449
City: Greenville
State: SC Zip: 29602-1449
Phone Number: 864-271-1592
Fax Number: 864-233-7342
Email Address: docketing@dority-manning.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
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 Authorized to be charged to deposit account
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8. Payment Information
a. Credit Card Last 4 Numbers 5658
Expiration Date 2/08
b. Deposit Account Number 04-1403
Authorized User Name Dority & Manning

9. Signature: Neil M. Batavia Signature Date July 5, 2006
Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 4

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04 FC:2051

65.00 UP

07/11/2006 FMETEK11 00000035 11397951

40.00 OP

05 FC:8021

JOINT INVENTION ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Joseph W. Kernodle, a citizen of the U.S., residing at 1214 Stillwater Drive, Seneca, SC 29672; John S. Davis, a citizen of the U.S., residing at 103 Hyde Lane; and John C. Peck, a citizen of the U.S., residing at 1548 Fort Hill Drive, Seneca, SC 29678 as assignors, have made an invention entitled **SYSTEM AND METHOD FOR MANAGING MANUFACTURING, ORDERING, AND DISTRIBUTION IN A SUPPLY CHAIN** as described in a patent application for U.S. Letters Patent executed by us, which was filed in the U.S. Patent and Trademark Office; and

WHEREAS, CLEMSON UNIVERSITY, a body politic and corporate under the laws of the State of South Carolina, whose Post Office Address is Clemson University, Clemson, South Carolina, 29631; as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

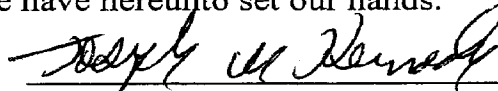
NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in

any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hands.



Signature of First Inventor

Joseph W. Kernodle

Date: 3/18/06

John S. Davis

Signature of Second Inventor

John S. Davis

Date: *May 18, 2006*

John C. Peck

Signature of Third Inventor

John C. Peck

Date: *May 25, 2006*