

07-03-2002



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No.: 5407/1B426 US2

To the Honorable Commissioner of

102143184

ached original documents or copy thereof.

1. Name of conveying party(ies):

Stephen A. BLUM

6-26-02

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: June 6, 2002

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

Name: **Lonza Inc.**

Internal Address:

Street Address: **17-17 Route 208**

City: **Fair Lawn** State: **NJ** Zip: **07410**

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

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

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

A. Patent Application No.(s)

08/984,080, now

EXPRESS MAIL CERTIFICATE
Date: 6/26/02 Label No. EV115765745-45
I hereby certify that on the date indicated above, this paper or
has been deposited with the U.S. Postal Service & that it was
addressed for delivery to the Assistant Commissioner for
6,242,488 Patents, Washington, DC 20231 by "Express Mail Post Office
to Addressee" service.

Additional numbers attached? ☐ Yes ☒ No

B.W. LEE

B.W. Lee

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

Name: Darby & Darby P.C.

Internal Address: Bert J. Lewen

Street Address: Post Office Box 5257

City: New York State: New York Zip: 10150-5257

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

04-0100

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

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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.

Bert J. Lewen (19,407)
Name of Person Signing

Signature

June 26, 2002
Date

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

4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

Docket No. 5407/1B426-US2

ASSIGNMENT

Stephen A. Blum, a citizen of the United States; residing at RR2, Box 71B,
Marion, Texas 78124,

hereinbelow called "Assignor", has made, jointly with Jim L. Nelssen, Robert D. Goodband,
Michael D. Tokach, Kevin Q. Owen, Rene Blum and Robert E. Musser, a certain invention in

CARNITINE SUPPLEMENTED DIETS FOR GESTATING AND LACTATING SWINE

described in the application filed in the U.S. Patent and Trademark Office on 12/03/97, under
Serial No. 08/984,080; and

WHEREAS, LONZA INC., a corporation organized and existing under and by
virtue of the laws of the State of New York, and having offices and doing business at 17-17
Route 208, Fair Lawn, NJ 07410 and elsewhere, hereinbelow called "Assignee", is desirous of
securing the right, title and interest in and to the said invention;

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum
of One Dollar (\$1.00) to us in hand paid by the said Assignee, and other good and valuable
consideration, the receipt of all of which is hereby acknowledged, I, the said Assignor, have
sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer
and set over unto the said Assignee, its successors and assigns, my entire right, title and
interest throughout the world in and to the said invention, application and Letters Patent, when
granted, and in and to any divisions, continuations, improvements, reissues or extensions that
may be made or granted on any of them;

TO HAVE AND TO HOLD the same to the full end of the term or terms for
which said Letters Patent may be granted, as fully and completely as the same might be held by
us had this sale and assignment not been made.

For the consideration aforesaid, I hereby covenant and agree to and with the
said Assignee, its successors and assigns, that, whenever its counsel or representative, or the
counsel or representative of its successors or assigns, shall advise that an

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amendment to, or a division of, or any other proceeding or action in connection with said application or invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of said Letters Patent is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue or continuation or extension of the same, and will do all acts necessary or required to secure to the said Assignee, its successors, and assigns, the title to and full benefit of all rights hereby assigned, without charge to said Assignee or its successors or assigns, but at its or their expense;

AND the Commissioner of Patents and Trademarks is requested to issue the said Letters Patent, when granted, in accordance with this sale and assignment.

For the consideration aforesaid, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto the said Assignee, its successors, and assigns, or the nominees of any of them, the entire right, title and interest in and to any and all Letters Patent for said invention, which may be granted in countries foreign to the United States, and in and to any applications for Letters Patent, which may be filed for said invention in countries foreign to the United States, and in and to the invention described in said applications; and I hereby authorize and empower said Assignee and its successors, assigns or nominees, to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successors, assigns or nominees, in any or all countries where it may desire to file such application, and where said application may be filed by another than the inventor; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, execute all rightful affidavits, and do all acts necessary or required to be done for the procurement and maintenance of Letters Patent or other form of protection for said invention in countries foreign to the United States, and for further investing or confirming the right and title thereto in the Assignee, its successors, assigns or nominees, without charge to said Assignee, its successors, assigns or nominees, but at its or their expense.

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I declare under penalty of perjury under the laws of the United States of America that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated:

6-8-02


STEPHEN A. BLUM, Inventor

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RECORDED: 06/26/2002

PATENT
REEL: 013035 FRAME: 0811