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SHEET

Attorney Docket Number 7969-031

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<p>1. Name of conveying party(ies): MicroCarb Inc. and Virgo Biologicals Inc. merged into MicroCarb Inc.</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Antex Biologics Inc.</u></p> <p>Address: <u>300 Professional Drive</u> <u>Gaithersburg, Maryland 20879</u></p> <p>Country (if other than USA):</p>
<p>3. Nature of conveyance:</p> <p>Assignment <input type="checkbox"/> Merger</p> <p>Security Agreement <input checked="" type="checkbox"/> Change of Name</p> <p>Other</p> <p>Execution Date: <u>August 16, 1996</u></p>	

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) _____ B. Patent No.(s) 5,512,282

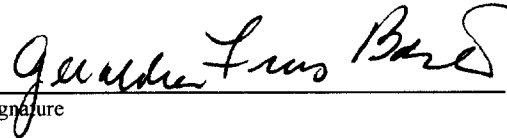
Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p><u>PENNIE & EDMONDS LLP</u> <u>1155 Avenue of the Americas</u> <u>New York, New York 10036-2711</u></p>	<p>6. Number of applications and patents involved: <u>1</u></p>
	<p>7. Total fee (37 CFR 3.41):.....\$ <u>40</u> Please charge to the deposit account listed in Section 8.</p>
	<p>8. Deposit account number: <u>16-1150</u></p>

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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.

<p>Geraldine Baldwin</p> <p>Name of Person Signing</p>	<p>31,232</p> <p>Reg. No.</p>	 <p>Signature</p>	<p>May 28, 2003</p> <p>Date</p>
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Total number of pages including cover sheet: 5

Mail documents to be recorded with required cover sheet information to:
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PATENT
REEL: 014108 FRAME: 0043

**CERTIFICATE OF OWNERSHIP AND MERGER
MERCING
VIRGO BIOLOGICALS INC.
INTO
MICROCARB INC.**

**(PURSUANT TO SECTION 253(b) OF THE GENERAL
CORPORATION LAW OF DELAWARE)**

MicroCarb Inc., a Delaware corporation (the "Corporation"), does
certify:

FIRST: That the Corporation is incorporated pursuant to the General
Corporation Law of the State of Delaware.

SECOND: That the Corporation owns all of the outstanding shares of each
class of the capital stock of Virgo Biologicals Inc., a Delaware corporation.

THIRD: That the Corporation, by the following resolutions of its Board of
Directors, duly adopted on the 16th day of July, 1996, determined to merge into itself
Virgo Biologicals Inc. on the conditions set forth in such resolutions;

RESOLVED: That MicroCarb Inc. merge into itself its subsidiary, Virgo
Biologicals Inc., and assume all of said subsidiary's liabilities and obligations;

FURTHER RESOLVED: That the effective date of the merger of Virgo
Biologicals Inc. into MicroCarb Inc. shall be the 3rd day of September, 1996;

FURTHER RESOLVED: That upon the effective date of the merger of Virgo
Biologicals Inc. into MicroCarb Inc., the corporate name of the MicroCarb Inc., as the
surviving corporation, shall be changed to Antex Biologics Inc.

FURTHER RESOLVED: That the President and the Secretary of this
Corporation be and they hereby are directed to make, execute and acknowledge a
certificate of ownership and merger setting forth a copy of the resolution to merge said
Virgo Biologicals Inc. into this Corporation and to assume said subsidiary's liabilities
and obligations and the date of adoption thereof and to file the same in the office of the
Secretary of State of Delaware and a certified copy thereof in the Office of the Recorder
of Deeds of New Castle.

FURTHER RESOLVED: That Dr. V. M. Esposito, President of MicroCarb
Inc., and Gregory C. Zakarian, Secretary of MicroCarb Inc., be, and they hereby are,

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authorized and directed to take any such action as may be deemed necessary and appropriate in order to carry out the purpose and intent of the foregoing resolution.

IN WITNESS WHEREOF, said MicroCarb Inc. has caused its corporate seal to be affixed and this certificate to be signed by Gregory C. Zakarian, its authorized officer, this 16th day of August, 1996.

MICROCARB INC.

Gregory C. Zakarian
Gregory C. Zakarian



State of Delaware

SECRETARY OF STATE
DIVISION OF CORPORATIONS
P.O. BOX 898
DOVER, DELAWARE 19903

PAGE 1

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PENNIE & EDMONDS
1155 AVENUE OF THE AMERICAS
NEW YORK NY 10036

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ATTN: GERALDINE F. BALDWIN

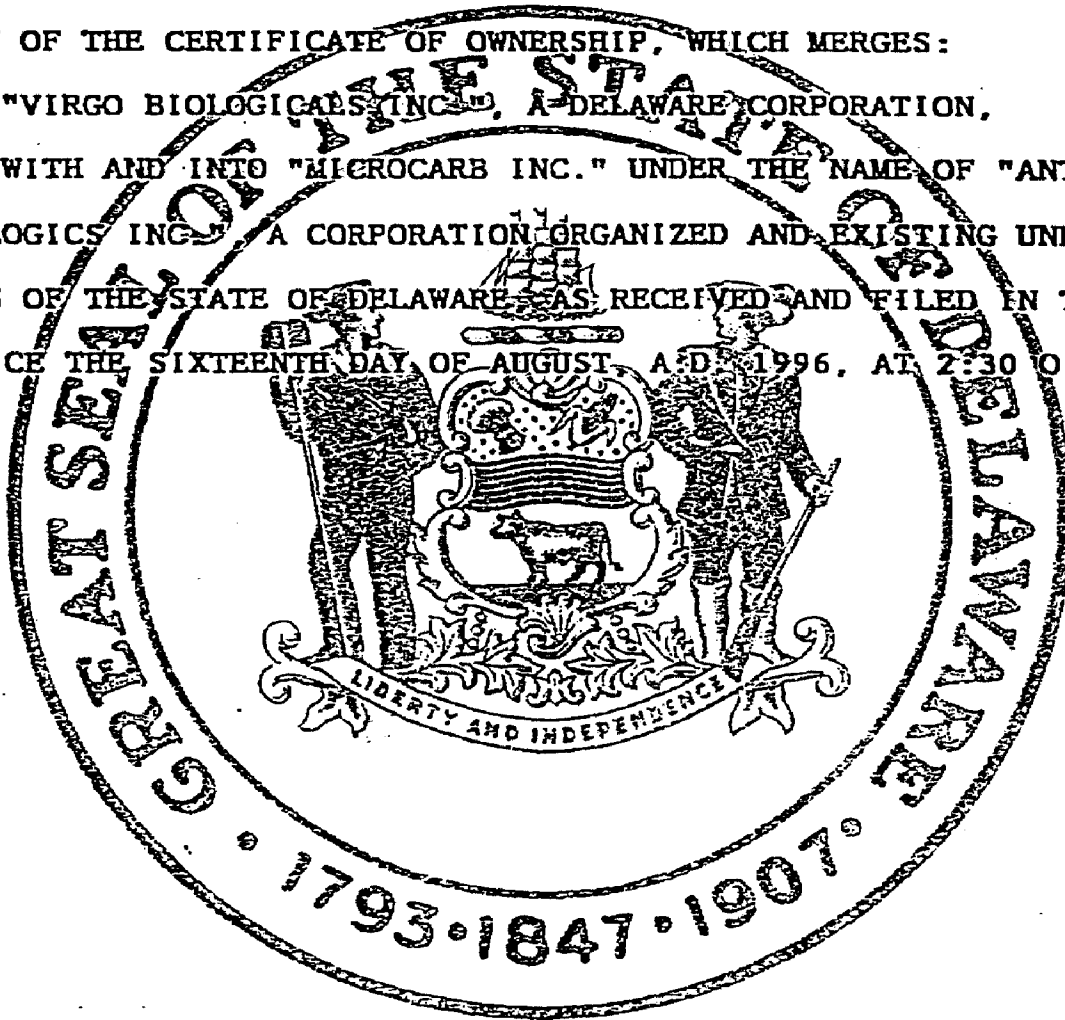
DESCRIPTION	AMOUNT
ANTEX BIOLOGICS INC. 2309483 8100 Certified Copy	
Certification Fee	20.00
Document Page Fee	2.00
FILING TOTAL	22.00
TOTAL PAYMENTS	22.00
SERVICE REQUEST BALANCE	.00

State of Delaware
Office of the Secretary of State

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"VIRGO BIOLOGICALS, INC.", A DELAWARE CORPORATION,
WITH AND INTO "MICROCARB INC." UNDER THE NAME OF "ANTEX
BIOLOGICS INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE
LAWS OF THE STATE OF DELAWARE WAS RECEIVED AND FILED IN THIS
OFFICE THE SIXTEENTH DAY OF AUGUST A.D. 1996, AT 2:30 O'CLOCK
P.M.



Edward J. Freel

Edward J. Freel, Secretary of State

AUTHENTICATION:

DATE:

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RECORDED: 05/28/2003