FORM, STO-1-595 (Rev. 6-63) OMB No. 0651-0011 (exp. 4/94)  Tab settings ⇒ ⇒ ▼ KOMA50  To the Honorable Commission( 1. Name of conveying party(ies): Kondo, Masao  Additional name(s) of conveying party(ies) attached?	JLY G. G. W Patent and Trademark Office  Sord the attached original documents or copy thereof.  2. Name and address of receiving party(ies):  Name: NCA2BioProcess, Inc.  Internal Address:
	Street Address: 4816 Glen Forest Drive  City: Raleigh State: NC ZIP: 27612  Additional name(s) & address(es) attached?
4. Application number(s) or patent number(s):  If this document is being filed together with a new application  A. Patent Application No.(s)  09/205,591  Additional numbers atta	B. Patent No.(s)
Name and address of party to whom correspondence concerning document should be mailed:  Name: Olive & Olive, P.A.  Internal Address: Michael R. Philips	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)
Street Address: P.O. Box 2049	8. Deposit account number:
City: Durham State: NC ZIP: 27702	(Attach duplicate copy of this page if paying by deposit account)
To the best of my knowledge and belief, the foregoing inform the original document.  Michael R. Philips  Name of Person Signing	use THIS SPACE  nation is true and correct and any attached copy is a true copy of  Signature  Date  Over sheet, attachments, and document:

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

(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

## **ASSIGNMENT**

WHEREAS, I, Masao Kondo, have made an invention entitled AIRLIFT PUMP APPARATUS AND METHOD described in an application (hereinafter the Application) executed by me and filed in the United States Patent and Trademark Office as application no. 09/205,591 December 4, 1998;

WHEREAS, NCA<sup>2</sup>BioProcess, Inc., a corporation duly organized and existing under the laws of the State of North Carolina and having a place of business at 4816 Glen Forest Drive, Raleigh, North Carolina 27612, for the benefit of itself, its successors and assigns, (hereinafter the Assignee), is desirous of acquiring the entire right, title and interest in and to the invention, all inventions disclosed in the application (hereinafter the Invention), the Application, and any and all Letters Patent of the United States and of all other countries including any divisional, continuation, continuation-in-part, extension, reexamination, renewal and reissue thereof which may be granted for the Invention (hereinafter the Patents);

NOW THEREFORE, for good and valuable consideration to me paid by the Assignee, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to the Assignee the entire right, title and interest in and to the Invention, the Application and the Patents;

TO HAVE, HOLD AND ENJOY the Invention, the Application and the Patents assigned hereby to the Assignee for its own use and benefit to the end of the term or terms for which the Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign patent offices to issue the Patents to the Assignee in accordance with the terms of this instrument.

AND I HEREBY further agree to execute and sign without further consideration any other legal document, assignment and any divisional, continuation, continuation-in-part, extension, reexamination, renewal, reissue, or other application in and for all patents that may be deemed appropriate and necessary by the Assignee fully to secure to the Assignee its interests as aforesaid in the Invention, the Application and the Patents.

AND I further covenant and agree that I will at any time upon request communicate to the Assignee or its legal representative, any facts known to me relating to the Invention, the Application and the Patents and will testify truthfully as to the same in any interference, litigation or any other proceeding related thereto when requested to do so.

Page 1 of 2 Pages

PATENT REEL: 011108 FRAME: 0166

IN WITNESS WHEREOF, I have below.	hereunto set my hand and seal on the date set forth
9.13.00	
Date	Signature of Assignor
STATE OF NC	) ) ss
COUNTY OF WAKE	)
	above-named Masao Kondo, this 13 day of 5 to 1, by me to be the person named and who executed the e to be that person's free act and deed.
	Roup J. Whisley Notary Public
	Y. 25 20 ≥ 5     My commission expires

AND I do hereby covenant for myself and my legal representatives that I have not assigned or

granted any license to make, use or sell the Invention and that I will not purport to assign, license or

execute any instrument to that effect in conflict with this assignment.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8) Applicant(s): Masao Kondo		Docket No.  KOMA5001BOMP			
Serial No. <b>09/205,591</b>	Filing Date December 4, 1998	Examiner M. Gimie	Group Art Unit 3747		
Invention: AIRLIFT PUMP APPARATUS AND METHOD					
I hereby certify that this Assignment  (Identify type of correspondence)  is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on  (Date)					
Michael R. Philips  (Typed or Printed Name of Person Mailing Correspondence)  (Signature of Person Mailing Correspondence)					
Note: Each paper must have its own certificate of mailing.					

**RECORDED: 09/20/2000** 

PATENT POTA/REV03

**REEL: 011108 FRAME: 0168**