

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Markus Bicker	08/24/2011
Miguel Angel Caraucan Davila	08/24/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Lonza Ltd.
<b>Street Address:</b>	Lonzastrasse
<b>City:</b>	Visp
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	3930
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13147902
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(516)822-3582
<b>Email:</b>	kemdocket@hbiplaw.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	Hoffmann & Baron, LLP
<b>Address Line 1:</b>	6900 Jericho Turnpike
<b>Address Line 4:</b>	Syosset, NEW YORK 11791
<b>ATTORNEY DOCKET NUMBER:</b>	1686-144 PCT/US
<b>NAME OF SUBMITTER:</b>	Kevin E. McDermott
<b>Total Attachments: 4</b> source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif source=Executed_Assignment#page4.tif	

**PATENT**

**501697326**

**REEL: 027093 FRAME: 0831**

**CH \$40.00 13147902**

Attorney's Docket No.: 1686-144 PCT/US

PATENT

For: ☒ U.S. and/or ☒ Foreign Rights  
 For: ☒ U.S. Application;  
☒ U.S. Provisional Application;  
☒ U.S. Patent; or  
☒ PCT Application  
 By: ☒ Inventors or ☐ Present Owners

## ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

Markus BICKER  
Name

Miguel Angel CARAUCÁN DÁVILA  
Name

Brunnenstrasse 40  
Address

Hauptstrasse 130  
Address

65835 Liederbach, Germany

Birgisch CH-3903, Switzerland

DE  
Nationality

VE  
Nationality

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

Lonza Ltd  
(Type or print name of ASSIGNEE)

Lonzastrasse  
Address

Visp 3930, Switzerland

CH

Assignment of Invention - Page 1 of 4

## Nationality

and the successors, assigns and legal representatives of the ASSIGNEE,

(complete one of the following)

- ☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent (\_\_\_\_\_% ) interest

for the United States and its territorial possessions

- ☒ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

**PROCESS FOR THE RECOVERY OF BETAINES FROM ELECTRODIALYSIS  
WASTE STREAMS**

and which is found in

(check and complete (a), (b), (c), (d), (e), (f), or (g))

- (a) ☐ U.S. patent application executed on even date herewith  
 (b) ☐ U.S. patent application executed on \_\_\_\_\_  
 (c) ☐ U.S. provisional application naming the above inventor(s) for the above-identified invention.  
       ☐ Express Mail label No.: \_\_\_\_\_, mailed: \_\_\_\_\_  
☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known  
 (d) ☒ U.S. application Serial No. 13/147,902 filed on August 4, 2011  
 (e) ☐ International application No. PCT/\_\_\_\_\_/\_\_\_\_\_  
 (f) ☐ U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_  
       ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.  
 (g) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and

Assignment of Invention - Page 2 of 4

deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Date: X 24.08.2011  
Date of signing

X M. Bick  
Markus BICKER

Date: X  
Date of signing

X  
Miguel Angel CARAUCÁN DÁVILA

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.

deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Date: X  
Date of signing

X  
Markus BICKER

Date: X 24. Aug. 2011  
Date of signing

X Miguel Caracán  
Miguel Angel CARAUCÁN DÁVILA

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.

Assignment of Invention – Page <sup>44</sup> 7 of 8