PATENT ASSIGNMENT

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| SUBMISSION TYPE: | | NEW ASSIGNMENT | | | | | | |
|--|----------------------|----------------|---|----------------|--------------|--|--|--|
| NATURE OF CONVEYANCE: | | | ASSIGNMENT | | | | | |
| CONVEYING PARTY DATA | | | | | | | | |
| | | | Name | Execution Date | | | | |
| Daniella SCHATZ | | | | 02/22/2012 | | | | |
| Doron EISENSTADT | | | | 02/22/2012 | | | | |
| Ofra CHEN | | | | 02/22/2012 | | | | |
| Jonathan GRESSEL | | | | 02/23/2012 | | | | |
| Shai UFAZ | | | | 02/23/2012 | | | | |
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| Name: | Transalgae Ltd. | | | | | | | |
| Street Address: | 2 Pekeris St | | | | | | | |
| City: | Rehovot | | | | | | | |
| State/Country: | ISRAEL | | | | | | | |
| Postal Code: | 76702 | | | | | | | |
| PROPERTY NUMBERS | Total: 1 | | | | | | | |
| Property Ty | ре | | Number | | | | | |
| Application Number: 12584 | | 12584 | 571 | | 12584572 | | | |
| CORRESPONDENCE DATA | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | | 2219 | | | | | | |
| NAME OF SUBMITTER: | | Dvorah Graeser | | | | | | |
| Total Attachments: 3 source=2219-SignedAssignment#page1.tif source=2219-SignedAssignment#page2.tif source=2219-SignedAssignment#page3.tif | | | | | | | | |

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

 Inventor
 Address

 Daniella SCHATZ
 Rehovot, Israel

 Ofra CHEN
 12 Brenner, Rehovot 76503, Israel

 Doron EISENSTADT
 Antvarfen 12 34980 Haifa, Israel

 Jonathan GRESSEL
 15 Hayarden St 76604 Rehovot, Israel

 Shai UFAZ
 Halvine 21 37808 Givat Ada, Israel

(hereinafter called the "Assignor"), hereby sells, assigns and transfers to:

Transalgae Ltd. 2 Pekeris St. Rehovot 76702 Israel Israel

(hereinafter called the "Assignee"), its successors, assignees, nominees or other legal representatives, the Assignor's entire right, title and interest in and to the invention entitled:

DECREASING RUBISO CONTENT OF ALGAE AND CYANOBACTERIA CULTIVATED IN HIGH CARBON DIOXIDE

described and claimed in the following patent applications:

U.S. Patent Application No.12/584,571, filed 08 September 2009 and also identified as Attomey Docket No. 2219

and in and to said Patent Application, and all original and reissued Patents granted therefore, and all divisions and continuations, reexaminations, extensions and substitutes thereof, and any right, title and interest in provisional applications to which said application claims priority, including the right to apply and obtain Patents in all other countries, the priority rights under International Conventions, and the Letters Patent which may be granted thereon;

Assignors further agree to execute upon request any other lawful documents and likewise to perform any other lawful acts that may be deemed necessary to secure fully the aforesaid invention(s) to Assignees, their successors, assigns, and legal representatives, but at Assignees\ expense, including the execution of non-provisional, continuation, divisional, reissue, reexamination, extension, substitution, or corresponding foreign or international patent applications; and

Assignors hereby further agree to provide statements or testimony in any interference or other proceedings in which said invention(s) or any patent application or patent directed thereto may be involved;

day of February 2012 Signed this

Ofra CHEN

Doron EISENSTADT

Jonathan GRESSEL

Shai UFAZ

PATENT REEL: 028423 FRAME: 0595

2219

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

| Inventor | Address | | |
|------------------|--------------------------------------|---------|--|
| Daniella SCHATZ | Rehovot, Israel | | |
| Ofra CHEN | 12 Brenner, Rehovot 76503, Israel | | |
| Doron EISENSTADT | Antvarfen 12 34980 Haifa, Israel | - State | |
| Jonathan GRESSEL | 15 Hayarden St 76604 Rehovot, Israel | Alches | |
| Shai UFAZ | Halvine 21 37808 Givat Ada, Israel | | |

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Assignors hereby further agree to provide statements or testimony in any interference or other proceedings in which said invention(s) or any patent application or patent directed thereto may be involved;.

Signed this 23 day of February 2012

Daniella SCHATZ

Ofra CHEN

2219

Dd on EISENSTADT M hathan GRESSEI

Shai UFAZ

PATENT REEL: 028423 FRAME: 0596 ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

| Inventor | Address | |
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| Shai UFAZ | Halvine 21 37808 Givat Ada, Israel | |

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Assignors hereby further agree to provide statements or testimony in any interference or other proceedings in which said invention(s) or any patent application or patent directed thereto may be involved;

Signed this <u>(p</u> 2012

Daniella SCHATZ

Doron EISENSTADT

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PATENT REEL: 028423 FRAME: 0597

RECORDED: 06/22/2012