

# PATENT COOPERATION TREATY

From the RECEIVING OFFICE

## PCT

### INVITATION TO CORRECT DEFECTS IN THE INTERNATIONAL APPLICATION

(PCT Articles 3(4)(i) and 14(1) and Rule 26)

To:  YOO, EDWARD c/o Bennett Jones LLP 3200 Telus House South Tower 10020-100 Street EDMONTON, Alberta Canada, T5J 0N3
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Date of mailing <i>(day/month/year)</i>	02 February 2017 (02-02-2017)
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Applicant's or agent's file reference 64139-32
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<b>REPLY DUE</b>	within <b>TWO MONTHS</b> from the date of mailing
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International application No. <b>PCT/CA2017/050096</b>
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International filing date <i>(day/month/year)</i>	27 January 2017 (27-01-2017)
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Applicant NANO-GREEN BIOREFINERIES INC.
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<p>1. <input checked="" type="checkbox"/> The applicant is hereby <b>invited</b>, within the time limit indicated above, to correct, <b>in the international application as filed</b>, the defects specified on the attached:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Annex A</li> <li><input checked="" type="checkbox"/> Annex B1 (<i>text matter of the international application as filed</i>)</li> <li><input checked="" type="checkbox"/> Annex C1 (<i>drawings of the international application as filed</i>)</li> </ul> <p>2. <input type="checkbox"/> The applicant is hereby <b>invited</b>, within the time limit indicated above, to correct, <b>in the translation of the international application</b> furnished under Rule 12.3 or 12.4, the defects specified on the attached:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Annex A</li> <li><input type="checkbox"/> Annex B2 (<i>text matter of the translation of the international application</i>)</li> <li><input type="checkbox"/> Annex C2 (<i>drawings of the translation of the international application</i>)</li> </ul> <p><b>Additional observations (if necessary):</b></p>   <p><b>HOW TO CORRECT THE DEFECTS?</b></p> <p>Except where the defect is in the request, any correction must be submitted by filing a replacement sheet embodying the correction and a letter accompanying the replacement sheet, which shall draw attention to the difference between the replaced sheet and the replacement sheet. For a defect in the request, a correction may simply be stated in a letter if it is of such a nature that the correction can be transferred clearly onto the request record copy (Rule 26.4).</p> <p><b>ATTENTION</b></p> <p>Failure to correct the defects will result in the international application being considered withdrawn by this receiving Office (see Rule 26.5 for further details).</p> <p>A copy of this invitation and any attachments has been sent to the International Bureau</p> <p><input type="checkbox"/> and the International Searching Authority</p>
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Name and mailing address of the Receiving Office/CA Canadian Intellectual Property Office Place du Portage I, C114 - 1st Floor, Box PCT 50 Victoria Street Gatineau, Quebec K1A 0C9 Facsimile No.: 819-953-2476
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Authorized Officer  <p style="text-align: center;">Maureen Matheson (819) 639-5186</p>
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This receiving Office has found that, with regard to the presentation of the **text matter of the international application as filed**, the physical requirements are not complied with to the extent that compliance therewith is necessary for:

1.  reasonably uniform international publication (Rules 11 and 26.3(a)(i)) (*defects to be specified*):

	Request	Description	Claims	Abstract
a. <input checked="" type="checkbox"/> <b>the sheets do not admit of direct reproduction</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. <input type="checkbox"/> the element does not commence on a new sheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. <input type="checkbox"/> sheets are not free from creases, cracks, folds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. <input type="checkbox"/> sheets are not used in the upright position	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. <input type="checkbox"/> one side of the sheets is not left unused	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. <input type="checkbox"/> the paper of the sheets is not flexible/strong/white/smooth/non-shiny/durable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. <input type="checkbox"/> the sheets are not connected as prescribed (Rule 11.4(b))	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. <input type="checkbox"/> sheets are not A4 size (29,7cm x 21cm)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. <input type="checkbox"/> the minimum margins on the sheets are not as prescribed (top: 2cm; left side: 2.5cm; right side: 2cm; bottom: 2cm)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. <input type="checkbox"/> the file reference number indicated on the sheets does not appear in the left-hand corner of the sheets, within 1.5cm of the top of the sheets		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. <input type="checkbox"/> the file reference number exceeds the maximum of 12 characters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. <input type="checkbox"/> the sheets of the description, claims and abstract are not numbered in consecutive Arabic numerals		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. <input type="checkbox"/> the sheet numbers are not centered at the top or bottom of the sheets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. <input type="checkbox"/> the sheet numbers are in the margin (see i. above for the size of the margins)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. <input type="checkbox"/> the text matter is not typed or printed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. <input type="checkbox"/> the typing on the sheets is not 1½-spaced		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. <input type="checkbox"/> the characters in the text matter on the sheets are less than 0.28cm high in capital letters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r. <input type="checkbox"/> the text matter on the sheets is not in dark, indelible color	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
s. <input type="checkbox"/> the element contains drawings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t. <input type="checkbox"/> the sheets contain alterations/overwritings/interlineations/too many erasures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
u. <input type="checkbox"/> the sheets contain photocopy marks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2.  satisfactory reproduction (Rules 11 and 26.3(b)(i))

Further observations (*if necessary*): **The above relates to the tables on pages 20, 32 and 33 only.**

This receiving Office has found that, with regard to the presentation of the **drawings of the international application as filed**, the physical requirements are not complied with to the extent that compliance therewith is necessary for:

1.  reasonably uniform international publication (Rules 11 and 26.3(a)(i)) (*defects to be specified*):

**Sheets containing drawings:**

- a.  the sheets do not admit of direct reproduction
- b.  the sheets are not free from creases, cracks, folds
- c.  one side of the sheets is not left unused
- d.  the paper of the sheets is not flexible/strong/white/smooth/non-shiny/durable
- e.  the drawings do not commence on a new sheet
- f.  the sheets are not connected as prescribed (Rule 11.4(b))
- g.  the sheets are not A4 size (29.7cm x 21cm)
- h.  the minimum margins on the sheets are not as prescribed (top: 2.5cm; left side: 2.5cm; right side: 1.5cm; bottom: 1cm)
- i.  the file reference number indicated on the sheets does not appear in the left-hand corner of the sheets, within 1.5cm of the top of the sheets
- j.  the file reference number exceeds the maximum of 12 characters
- k.  the sheets are not free from frames around usable or used surfaces
- l.  **the sheets are not numbered in consecutive Arabic numerals (e.g. 1/3, 2/3, 3/3)**
- m.  the sheet numbers are not centered at the top or bottom of the sheets
- n.  the sheet numbers are in the margin (see h. above for the size of the margins)
- o.  the sheets contain alterations/overwritings/interlineations/too many erasures
- p.  the sheets contain photocopy marks

**Drawings** (Rule 11.13):

- a.  do not admit of direct reproduction
- b.  contain unnecessary text matter
- c.  contain words so placed as to prevent translation without interference with lines thereof
- d.  are not executed in durable black color; the lines are not uniformly thick and well-defined
- e.  contain cross-sections not properly hatched
- f.  would not be properly distinguishable in reduced reproduction
- g.  contain scales not represented graphically
- h.  contain numbers, letters and reference lines lacking simplicity and clarity
- i.  contain lines drafted without the aid of drafting instruments
- j.  contain disproportionate elements of a figure not necessary for clarity
- k.  contain numbers and letters of height less than 0.32cm
- l.  contain letters not conforming to the Latin, and where customary, Greek alphabets
- m.  contain figures on two or more sheets which form a single complete figure but which are not able to be assembled without concealing parts thereof
- n.  contain figures which are not properly arranged and clearly separated
- o.  contain different figures not numbered in consecutive Arabic numerals
- p.  contain different figures not numbered independently of the numbering of the sheets
- q.  are not restricted to reference signs mentioned in the description
- r.  do not contain reference signs that are mentioned in the description
- s.  contain the same feature denoted by different reference signs
- t.  are not arranged in an upright position, clearly separated from one another
- u.  are not presented sideways with the top of the figures at the left side of the sheets

2.  satisfactory reproduction (Rules 11 and 26.3(b)(i))

Further observations (*if necessary*):