

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
1223069 ONTARIO INC.	12/31/2009
<b>RECEIVING PARTY DATA</b>	
Name:	QUANTUM DENTAL TECHNOLOGIES INC.
Street Address:	748 Briar Hill Avenue
City:	Toronto, ON
State/Country:	CANADA
Postal Code:	M6B 1L3
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Patent Number:	6584341
<b>CORRESPONDENCE DATA</b>	
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ATTORNEY DOCKET NUMBER:	13437ASSIGN4
NAME OF SUBMITTER:	Ralph A. Dowell
Total Attachments: 2 source=13437assign4#page1.tif source=13437assign4#page2.tif	

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**ASSIGNMENT OF RIGHTS IN INVENTIONS**

**THIS AGREEMENT BETWEEN:**

**1223069 ONTARIO INC.,**  
a corporation incorporated under the laws of  
the Province of Ontario, and carrying on business  
under the name "Four Cell Dental Consulting,

**hereinafter the ASSIGNOR**

**- AND -**

**QUANTUM DENTAL TECHNOLOGIES INC.**  
a corporation incorporated under the laws of the Province of Ontario

**hereinafter the ASSIGNEE**

**WHEREAS:**

- A. The Assignor is an inventor of technology described as a laser-frequency-domain infrared photothermal radiometry ("FD-PTR") and frequency-domain luminescence ("FD-LM") for detection of dental defects and caries intraorally (the "Invention");
- B. The following patent has been granted for the Invention (the "Patent"):
- Patent Number: 6,584,341  
Application Number: 09/628,812  
Country: United States  
Title: Method and apparatus for detection of defects in teeth
- C. The following patent application has been filed for an invention relating to the Invention (the "Application"):
- Application Number: 2,314,691  
Country: Canada  
Title: Method and apparatus for detection of defects in teeth
- D. The parties are in agreement that, as between the parties, that the Assignor owns rights in the Invention, the Patent and the Patent Application;

E. Pursuant to an "Assignment of Rights from the University of Toronto" entered into on January 19<sup>th</sup>, 2001 (the "Reassignment Agreement") the UofT assigned to Andreas Mandelis, Lena Nicolaidis, and Jose Garcia all right, title and interest in the Invention, subject to certain rights and obligations including: (i) the retention by the UofT of a royalty free, non-exclusive licence to use the Invention for research, educational and administrative purposes; (ii) the assignment by Andreas Mandelis, Lena Nicolaidis, and Jose Garcia to pay to the UofT 25% of the "Aggregate Revenue" as defined in the Reassignment Agreement (the "Revenue Rights"); and (iii) the right of UofT to consent to further licenses or transfers of the Invention;

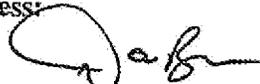
**NOW THEREFORE THE PARTIES HERETO AGREE AS FOLLOWS**

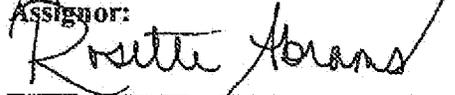
1. The Assignor hereby assigns to the Assignee all rights, title and interests in the Invention, the Patent and the Application.

2. The Assignor hereby undertakes and agrees to execute all documents and do any acts deemed reasonably necessary or desirable by the Assignees or their successors-in-title (or their respective representatives) to provide further assurance of the title of the Assignee or for the purpose of obtaining any intellectual property right (including the Patent and Patent Application) relating to the Technology and, in respect of any action for infringement the Assignor undertakes, to render all reasonable assistance within its power in support of any such proceeding, at the expense of the Assignees or their successors-in-title.

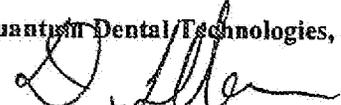
3. The Assignor acknowledges receipt of consideration for the rights, title and interest assigned pursuant to the Purchase Agreement between the Assignor and Assignee.

Executed at Toronto, Ontario this 3<sup>rd</sup> day of December, 2009.

Witness:  
  
\_\_\_\_\_  
Witness

Assignor:  
  
\_\_\_\_\_  
Rosette Abrams, President

Witness:  
  
\_\_\_\_\_  
Witness

Quantum Dental Technologies, Inc.:  
  
\_\_\_\_\_  
Dr. Stephen Abrams, Secretary & CEO