

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7709299

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
QUANTUM DENTAL TECHNOLOGIES INC.	12/14/2022
RECEIVING PARTY DATA	
Name:	STEPHEN ABRAMS
Street Address:	748 BRIAR HILL AVENUE
City:	TORONTO, ONTARIO
State/Country:	CANADA
Postal Code:	M6B 1L3
PROPERTY NUMBERS Total: 6	
Property Type	Number
Application Number:	17416665
Patent Number:	8306608
Patent Number:	8439681
Patent Number:	9506808
Patent Number:	9442069
Patent Number:	10426351
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	4842328227
Email:	DOWELL@DOWELLPC.COM
Correspondent Name:	DOWELL & DOWELL, P.C.
Address Line 1:	408 E. FOURTH STREET
Address Line 2:	SUITE 302
Address Line 4:	BRIDGEPORT, PENNSYLVANIA 19405
ATTORNEY DOCKET NUMBER:	21442NP
NAME OF SUBMITTER:	WENDY M. SLADE
SIGNATURE:	/WENDY M. SLADE/
DATE SIGNED:	12/22/2022

Total Attachments: 6

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Our Ref. 322 files

WORLDWIDE ASSIGNMENT

QUANTUM DENTAL TECHNOLOGIES INC., whose full post office address is, 748 Briar Hill Avenue, Toronto, Ontario M6B 1L3, Canada, is the owner of the patent applications/patents for the technologies listed in Appendix A.

In consideration of Two Dollars (\$2.00) paid to QUANTUM DENTAL TECHNOLOGIES INC., the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, QUANTUM DENTAL TECHNOLOGIES INC. by these presents confirms that IT has sold, transferred and assigned and does hereby sell, transfer and assign to **Stephen ABRAMS** whose full post office address is, 748 Briar Hill Avenue, Toronto, Ontario M6B 1L3, Canada, its successors and assigns or nominees, all ITS rights, title and interest in the patent applications/patents listed in Appendix A and to ITS invention as fully described and claimed in patent applications/patents listed in Appendix A, and IT sells, assigns and transfers to **Stephen ABRAMS** all ITS rights to apply for patents on said inventions in the United States, and all other countries of the world including any and all full utility applications, divisions, continuations-in-part, continuations, re-examinations, renewals, reissues and/or extensions thereof, any design applications originating therefrom, International PCT patent applications, all national phase applications and issued patents and all ITS corresponding rights, title and interest in and to any patent which may issue therefor in the United States, and all other countries of the world and all ITS corresponding rights, title and interest in and to any patents which have issued or may issue therefor, to have and to hold for **Stephen ABRAMS**'s own use and **Stephen ABRAMS**'s successors and assigns as fully and entirely as the same might be enjoyed by QUANTUM DENTAL TECHNOLOGIES INC. if this sale had not been made.

AND IT UNDERTAKES to sign such further documents to effect the aforesaid sale, assignment and transfer as may be required from time to time, without reimbursement, but at the expense of **STEPHEN ABRAMS**.

AND WE authorize HILL & SCHUMACHER, Patent and Trademark Agents, of 264 Avenue Road, Toronto, Ontario, M4V 2G7, Canada, to enter the particulars of the signature and particulars of the Declaration of Witness when missing.



PATENT

REEL: 062184 FRAME: 0187

This assignment can be signed in counterparts.

SIGNED at (City/Town) TORONTO ONTARIO

This 14 day of DECEMBER, 2022.

QUANTUM DENTAL TECHNOLOGIES INC.

Signature: [Handwritten Signature]

Print Name: DR. S. ABRAMS

Title: PRESIDENT

DECLARATION OF WITNESS

748 BRIAR HILL AVE.,
TORONTO, ONTARIO
M6B 1L3

I, ROSETTE RUTMAN, whose full post office address is _____
hereby declare that I was personally present and did see STEPHEN ABRAMS
of QUANTUM DENTAL TECHNOLOGIES INC. who is personally known to me to be
the person named in the above assignment duly sign and execute the same.

Declared at (City/Town) TORONTO

This 14th day of DECEMBER, 2022.

[Handwritten Signature: Rosette Rutman]
(Signature of Witness)


ACCEPTANCE

The Assignee, Stephen ABRAMS, accepts this assignment.

Signed at (city/town) TORONTO ONTARIO

This 14 day of DECEMBER, 2022.

Stephen ABRAMS

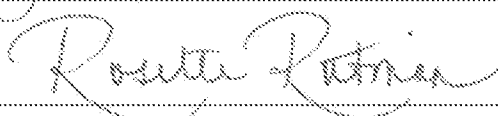
Signature: 

DECLARATION OF WITNESS

I, ROSETTE RUTMAN, whose full post office address is 748 BRIAR HILL AVE, TORONTO, ONT. M6B 1L3 hereby declare that I was personally present and did see, Stephen ABRAMS, who is personally known to me to be the person that has duly signed and executed the above assignment.

DECLARED at (city/town) TORONTO

This 14th day of DECEMBER, 2022.


(Signature of Witness)

APPENDIX A

Patent / Application Number	Issue Date	Country	Effective Filing Date	Title
8,306,606 / 11/488,194	Nov. 6, 2012	US	July 18, 2006	METHOD AND APPARATUS USING INFRARED PHOTOTHERMAL RADIOMETRY (PTR) AND MODULATED LASER LUMINESCENCE (LUM) FOR DIAGNOSTICS OF DEFECTS IN TEETH
2,615,017	June 2, 2015	CA	July 18, 2006	METHOD AND APPARATUS USING INFRARED PHOTOTHERMAL RADIOMETRY (PTR) AND MODULATED LASER LUMINESCENCE (LUM) FOR DIAGNOSTICS OF DEFECTS IN TEETH
188747	July 7, 2014	IL	July 18, 2006	METHOD AND APPARATUS USING INFRARED PHOTOTHERMAL RADIOMETRY (PTR) AND MODULATED LASER LUMINESCENCE (LUM) FOR DIAGNOSTICS OF DEFECTS IN TEETH
8,439,661 / 12/718,746	May 14, 2013	US	March 5, 2009	METHOD OF ASSESSING ORAL HEALTH RISK
2,754,160	Aug. 9, 2016	CA	March 5, 2010	METHOD OF ASSESSING ORAL HEALTH RISK
9,506,608 / 13/697,747	Nov. 29, 2016	US	Nov 13, 2012	HANDPIECE WITH INTEGRATED OPTICAL SYSTEM FOR PHOTOTHERMAL RADIOMETRY AND LUMINESCENCE MEASUREMENTS
334583 / MX/a/2012/013161	Nov. 5, 2015	MX	May 13, 2011	HANDPIECE WITH INTEGRATED OPTICAL SYSTEM FOR PHOTOTHERMAL RADIOMETRY AND LUMINESCENCE MEASUREMENTS
9,442,069 / 14/654,353	Sep. 13, 2016	US	June 19, 2015	APPARATUS FOR IN-VITRO IMAGING AND ANALYSIS OF DENTAL SAMPLES
2,695,519	April 21, 2020	CA	March 14, 2013	APPARATUS FOR IN-VITRO IMAGING AND ANALYSIS OF DENTAL SAMPLES
HK1216778 / 16104516.9	Aug. 2, 2019	HK	Apr. 20, 2016	APPARATUS FOR IN-VITRO IMAGING AND ANALYSIS OF DENTAL SAMPLES
3,004,499	Pending	CA	Nov. 10, 2016	SYSTEMS AND METHODS FOR SPATIAL POSITIONING OF DIAGNOSTIC AND OR TREATMENT PROBE BASED ON SURFACE PROFILE DETECTION
10,426,351 / 16/775,128	Oct. 1, 2019	US	May 10, 2018	SYSTEMS AND METHODS FOR SPATIAL POSITIONING OF DIAGNOSTIC AND OR TREATMENT PROBE BASED ON SURFACE PROFILE DETECTION
2,988,179	Pending	CA	June 16, 2016	SYSTEM AND METHOD OF MONITORING CONSUMABLE USE BASED ON CORRELATIONS WITH DIAGNOSTIC TESTING
Patent / Application Number	Issue Date	Country	Effective Filing Date	Title

PATENT

REEL: 062184 FRAME: 0190

17/416,685	Pending	US	Dec. 19, 2019	DEVICES AND METHODS FOR THE INTRA-OPERATIVE VERIFICATION OF ORAL HEALTH PROCEDURES
3,123,635	Pending	CA	Dec. 19, 2019	DEVICES AND METHODS FOR THE INTRA-OPERATIVE VERIFICATION OF ORAL HEALTH PROCEDURES



