

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LightSpeed Technology, Inc.	09/24/2007

RECEIVING PARTY DATA

Name:	Discus Dental, LLC
Street Address:	8550 Higuera Street
Internal Address:	c/o Nancy Quan
City:	Culver City
State/Country:	CALIFORNIA
Postal Code:	90232

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	11288890
Patent Number:	7094055
Patent Number:	6579092
Patent Number:	6261099

CORRESPONDENCE DATA

Fax Number: (310)845-8619  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: (310) 845-8501  
Email: nancyq@discusdental.com  
Correspondent Name: Nancy N. Quan  
Address Line 1: 8550 Higuera Street  
Address Line 2: Discus Dental, LLC  
Address Line 4: Culver City, CALIFORNIA 90232

NAME OF SUBMITTER:

Nancy N. Quan

Total Attachments: 6

PATENT

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REEL: 020056 FRAME: 0525

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## ASSIGNMENT

THIS ASSIGNMENT, made this 24<sup>th</sup> day of September, 2007 by  
Lightspeed Technology, Inc., 8550 Higuera Street, Culver City, California 90232;  
(hereinafter together referred to as Assignors);

WHEREAS, Assignors have invented certain new and useful inventions  
entitled, set forth in the United States Patents listed in Appendix A:

WHEREAS, Discus Dental, LLC, a Limited Liability Company organized  
under and pursuant to the laws of CALIFORNIA, having its principal place of  
business at 8550 Higuera Street, Culver City, California 90232, USA (hereinafter  
referred to as Assignee), is desirous of acquiring the entire right, title and interest in  
and to said inventions, and improvements thereon, and in and to said application  
for Letters Patent of the United States, and any Letters Patent of the United States,  
and of foreign jurisdictions, to be obtained therefor and thereon, as well as the right  
of action and all other rights, including the right to sue or otherwise bring action  
and to collect and receive damages therefrom for past infringement thereof, and to  
collection of reasonable royalties based on provisional rights thereof;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) in hand paid,  
and other good and sufficient consideration, the receipt of which is hereby  
acknowledged, Assignors have sold, assigned, transferred and set over, and by  
these presents do sell, assign, transfer and set over, unto Assignee, its successors,  
legal representatives and assigns, the entire right, title and interest in and to the  
above-mentioned inventions and said improvements and said application for  
Letters Patent, and in and to any and all patent applications claiming priority  
therefrom including, but not limited to, all direct and indirect divisions,

continuations and continuations-in-part of said application, and any and all Letters Patent in the United States which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said inventions and improvements in any foreign country including, but not limited to, all divisions, continuations, continuations-in-part thereof, and further including, but not limited to, extensions, renewals, substitutes and reissues granted for said inventions and improvements in any foreign country, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which such Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made;

AND for the same consideration, Assignors hereby sell, assign, transfer and set over to Assignee, any and all claims and demands that Assignors may have against any person or entity relating to the right, title and interest in and to said inventions and improvements thereon, and said application for Letters Patent of the United States, and any Letters Patent of the United States, and of foreign jurisdictions, or other rights to be obtained therefor and thereon, including but not limited to, any claim of infringement of rights, including provisional rights, whether heretofore or hereafter accrued, together with the right to retain for Assignee any and all sums that Assignee may obtain or recover as a result of the assertion or enforcement of any such claim or demand;

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and improvements thereon, and said application for Letters Patent above-mentioned, and any Letters Patent of the United States and of any foreign jurisdiction to be obtained therefor and thereon, and that the same are unencumbered, and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

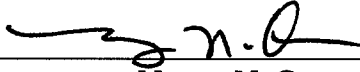
**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND for the same consideration, Assignors hereby authorize and request the United States Commissioner for Patents, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

### CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

Date: 9/24/07


  
Nancy N. Quan

United States of America )  
State of CALIFORNIA ) ss.:  
County of Los Angeles )

On September 24, 2007 personally appeared before me, Marian Osneya, Notary Public, personally appeared Nancy N. Quan, Chemist known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Witness my hand and official seal:



, Notary Public  
My commission expires: Jan. 14, 2008

## APPENDIX A - PATENTS

Title	Application No.	Patent No.	Filing Date
ENDODONTIC REAMER AND A METHOD FOR MANUFACTURING ENDODONTIC REAMERS AND FILES	10/099107	7,094,055	3/15/2002
ENDODONTIC INSTRUMENTS WITH MEANS FOR BREAKAGE CONTAINMENT	09/455729	6,579,092	12/7/1999
METHOD AND APPARATUS FOR FILLING A ROOT CANAL OF A TOOTH	09/526058	6,261,099	4/7/1998
ENDODONTIC REAMERS AND FILES	11/288,890		11/21/2005

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: LightSpeed Technology, Inc.

Application No./Patent No.: 11/288,890 Filed/Issue Date: 11/29/2005

Entitled: Method for manufacturing endodontic reamers and files

LightSpeed Technology, LLC, a Limited Liability Company  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

Senia, Steven; Senia, E. Steve;

1. From: Minica, Stuart; Willey, William L. To: LightSpeed Technology, Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel 017293, Frame 0830, or for which a copy thereof is attached.  
Senia, Steven; Senia, E. Steve; Rimmer, Gene; Moore, Ed; Southwest Research Institute;
2. From: Willey, William L.; Senia, E. Steven To: LightSpeed Technology, Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel 018321, Frame 0398, or for which a copy thereof is attached.
3. From: LightSpeed Technology, Inc. To: LightSpeed Technology, LLC  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

<u>/Nancy N. Quan/</u>	<u>11-2-2007</u>
Signature	Date
<u>Nancy N. Quan</u>	<u>(310) 845-8501</u>
Printed or Typed Name	Telephone Number
<u>Vice President and Chief IP Counsel</u>	
Title	

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.