			Docket No.: 915-2	
FORM PTU-1595 (Modified)		-1999	U.S. DEPARTMENT OF COMMERCE	
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Additional names(s) of conveying party(ies)	_	Internal Address:		
3. Nature of conveyance:		Street Address: <u>5 Lor</u>	onitude Leno	
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Security Agreement Change of Na Record to Correct Conveying Party's		City: Charleston	State: <u>SC</u> Zip;29401	
Previously Recorded at Reel 9596, X Other Frame 0802		Additional names(s) &	address(es)? Yes X No	
Execution Date: <u>11/10/1998</u>				
4. Application number(s) or registration numbers: If this document is being filed together with a new application, the execution date of the application is:				
A. Patent Application No.(s)		B. Patent No. 5,827,503	(s):	
Additional numbers attached:YesXNo				
Name and address of party to whom corresp concerning document should be mailed:	ondence	6. Total number of app	olications and patents involved: 1	
Name: Ronald J. Baron, Esc.		7. Total Fee (37 CFR	3.41):\$ 40.00	
Internal Address: Hoffmann & Baron, LLP		X Enclosed - Any or debited to de	excess or insufficiency should be credited apposit account. 7/2/99 (ever Sheet)	
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Samir R, Patel, Esq. Name of Person Signing Signature Date				
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FORM PTO-1619B Expires 38/30/99 OM8 0851-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address	Area Code and Telephone Number	516-822-3550	
Name Ronald J. Baron, Esq.			
Address (line 1) Hoffmann & Baron, LLP			
Address (line 2) 350 Jericho Turnpike			
Address (line 3) Jericho, New York 11753			
Address (line 4)			
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	5827503		
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Enter PCT application number only if a U.S. Application Number has not been assigned.	PCT PCT	PCT	
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Fee Amount Fee Amount	for Properties Listed (37 CFR 3.41): \$	40.90	
Method of Payment: Enclose Deposit Account			
(Enter for payment by deposit account or if add	Deposit Account Number: #	08-2461	
	Authorization to charge additional fees:	Yes V No	
Statement and Signature			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.			
Ronald J. Baron Name of Person Signing	Signature	November 17, 1998 Date	
Herma of the argument	/		

PATENT

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Attorney's Docket No.: _	915-2
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PATENT

For:

[X] U.S. and/or [X] Foreign Rights

For:

[] U.S. Application;

[] U.S. Provisional Application;

[X] U.S. Patent, or [] PCT Application

By:

[] Inventors or [X] Present Owners

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

CollaGenex Pharmaceuticals, Inc. 301 South State Street Newtown, Pennsylvania 18940 United States of America

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

	Record	led on 0	9/19/96		Reel Frame	8235 0433	
hereby	sells, as:	signs and tr	ansfers to				
ASSIGNEE:			Chris	tian Schwa	be		
				or print nar		ASSIGNEE)	
			Addre Charle		h Caro	olina 29401	
			United	d States of	Ameri	ca	
			Nation	nality			
and the	success	ors, assigns	and legal rep	presentative	s of the	ASSIGNEE,	
			(comp	lete one of t	he foll	owing)	
	[X] []		right, title and		%)	interest	
for the	United S	tates and its	s territorial p	ossessions			
	[X]	and in all i	foreign count	ries, includi	ng all ı	rights to claim pri	ority,
in and	to any an	d all impro	vements which	h are disclo	sed in	the invention enti	tled:

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PATENT REEL: 010086 FRAME: 0346

and w	hich is fo	ound in
		(check and complete (a), (b), (c), (d), (e), (f), or (g))
(a)	[]	U.S. patent application executed on even date herewith
(b)	ij	U.S. patent application executed on
(c)	ij	U.S. provisional application naming the above inventor(s) for the above-identified invention. [] Express Mail label No.:, mailed:
ď	[]	To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known
(d)	[X]	U.S. application Serial No. <u>08/689,403</u> filed on <u>August 8, 1996</u>
(e)	[]	International application No. PCT//
(f)	[X]	 U.S. Patent No. <u>5,827,503</u> issued <u>October 27, 1998</u> [] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
(g)	[X]	and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

METHOD AND COMPOSITION FOR TREATING PERIODONTITIS

Date: X 11/10/95 X Robert A. Ashley

Vice President, Commercial Development

CollaGenex Pharmaceuticals, Inc.

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RECORDED: 07/07/1999