FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 09-13-1999



101143677

RECORDATION FORM COVER SHEET

Patent and Trademark Office	•
	\mathbb{U}

U.S. Department of Commerce

UOM5399

	PATENTS ONLY	<u>ال</u>		
TO: The Commissioner of Patents and Trademar		it(s) or copy(ies).		
Submission Type	Conveyance Type			
New	Assignment Security Agreeme	nt		
Resubmission (Non-Recordation) Document ID#	License Change of Name			
Correction of PTO Error Reel # Frame #	U.S. Government	matory License		
Corrective Document Reel # Frame #	(For Use ONLY by U.S. Government Ager	ncles) Secret File		
Conveying Party(ies)	Mark if additional names of conveying parties at			
		Month Day Year		
Name (line 1) UNIVERSITY OF MICHIGA	AN	5/3/99		
Name (line 2)		Execution Date		
Second Party Name (line 1)		Month Day Year		
Name (line 2)				
Receiving Party	Mark if additional names of rece			
Name (line 1) National Institutes of	of Health, The	if document to be recorded is an assignment and the receiving party is not		
Name (line 2) Extramural Inventions	Extramural Inventions Office, The domiciled in the United States, an appointment			
Address (line 1) 6705 Rockledge Drive	of a domestic representative is attached. (Designation must be a			
Address (line 2) MSC 7980		separate document from Assignment.)		
Address (line 3) Bethesda City	Maryland / USA 20892-7 State/Country Zip Code	980		
Domestic Representative Name and A		ly.		
Name				
Address (line 1)				
Address (line 2)				
Address (line 3)				
Address (line 4)				
ļ	FOR OFFICE USE ONLY			

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

r	JC	M	$\overline{}$	3	9	9	
L	ノし	111	\mathbf{c}	_	フ	フ	

FORM PTO-1619B

U.S. Department of Commerce

Expires 06/30/99 OMB 0651-0027	Page 2	Patent and Trademark Office PATENT		
Correspond	ent Name and Address Area Code and Telephone Number 301	-435-1986		
Name	National Institutes of Health, The			
Address (line 1)	Extramural Inventions Office, The			
Address (line 2)	6705 Rockledge Drive, Suite 1040			
Address (line 3)	MSC 7980			
Address (line 4)	Bethesda, Maryland / USA 20892-7980			
Pages	Enter the total number of pages of the attached conveyance document including any attachments.	# 1		
Application	Number(s) or Patent Number(s) Mark if additio	nal numbers attached		
	ne Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the			
Pat	ent Application Number(s) Patent Nun	iber(s)		
	3071723			
	s being filed together with a <u>new</u> Patent Application, enter the date the patent application was st named executing inventor.	Month Day Year		
Patent Coop	peration Treaty (PCT)			
Ente	PCT application number	PCT		
· · · · · · · · · · · · · · · · · · ·	if a U.S. Application Number PCT PCT	PCT		
has not been assigned. Number of Properties				
	Enter the total number of properties involved. # $\lfloor 1 \rfloor$			
Fee Amount	Fee Amount for Properties Listed (37 CFR 3.41): \$			
Method of Payment: Enclosed Deposit Account Deposit Account				
(Enter for	payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number:			
	Authorization to charge additional fees: Yes	No X		
Statement a	nd Signature			
	best of my knowledge and belief, the foregoing information is true and c			
attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.				
maicat	ed Herein.			
	en Awetahegne	8/23/99		
Name	of Person Signing Signature	Date		

Fax this to 301/480-0272

License to the United States Government

Invention Title: The role of C-X-C chemokines (IL-8, ENA-78, NAP-2, GRO-alpha, GRO-beta, GRO-gamma, IP-10, MIG and PF4) in mediating angiogenesis in cancer and wound repair

Inventor(s): Robert M. Strieter Peter J. Polverini Steven L. Kunkel

Patent or Application Serial No.: 5871723

U.S. Filing/Issue Date: 2/16/99

Grant/Contract Identification Number(s): HL31693 HL39926 HL50057

Foreign Applications filed/intended in (countries):

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the Public Health Service/National Institutes of Health. This document is confirmatory of:

- The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
- 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations which are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this		, 19 <u>99</u> .
Bv	Marin & Parm	MARVIN G. PARNES
-1	(Grantee/Contractor Official and	
For	UNIVERSITY OF MICHIGAN	
	(Organization)	
At	NULL, NULL, ANN ARBOR MICHIGAN	NULL
	(Business Address)	