Docket No.: 00.514-C 09-06-2001 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02 101834516 1018 Please record the attached original documents or copy thereof. Tab settings → → → To the Honorable Commissioner of Patents 1. Name of conveying party(ies): Name and address of receiving party(ies): 8-31-01 Christiaan M. Saris Ming-Shi Chang Name: Amgen, Inc. Internal Address: ☐ Yes 🛛 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Street Address: One Amgen Center Drive 🛚 Assignment Merger Security Agreement Change of Name City: Thousand Oaks State: CA ZIP: 91320 Other Execution Date: August 15, 2001 and August 20, 2001 Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 09/895,943 Additional numbers attached? Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Kevin E. Noonan, Reg. No. 35,303 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: McDonnell Boehnen Hulbert ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account & Berghoff Authorized to be charged to deposit account Street Address: 300 South Wacker Drive, Suite 3200 8. Deposit account number: 13-2490 ZIP: 60606 State: IL City: Chicago DO NOT USE THIS SPACE 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a tree copy

Total number of pages including cover sheet, attachments, and document:

Signature

of the original document.

Name of Person Signing

Kevin E. Noonan

PATENT

August 28, 2001

Date

REEL: 012126 FRAME: 0342

Docket No.: A-713

ASSIGNMENT

vvnere			
	Ming-Shi Chang, 58 Tnog-Ning Road,	3 rd Floor, Tainan, Ta	iwan
have made an in ("Application") e	vention which is the subject of an application	on for Letters Pater	nt of the United States
	THYMIC STROMAL LYMPHOPOIETI	N MOLECULES A	ND USES THEREOF
which is found in (a) (b)	the U.S. Patent Application executed on e the U.S. Patent Application executed on	even date herewith	
	U.S. Application Serial No.:	09/895,943	filed on June 28, 2001
☐ (d)	U.S. Patent No.:		

Whereas AMGEN INC., a Delaware corporation having its principal place of business at One Amgen Center Drive, Thousand Oaks, California 91320-1799 wishes to acquire the entire interest in all inventions disclosed in such Application:

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign, transfer and set over unto AMGEN INC., its successors and assigns (collectively "AMGEN") my entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for such inventions, or any of them, including divisional, continuation, and/or continuation-in-part applications based on the above-identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by AMGEN for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

Further, I hereby sell, assign, transfer, and set over unto AMGEN my entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to the Application and which are deposited by me or at my direction or deposited on my behalf by Amgen, its affiliates, employees or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, my unreserved and irrevocable consent and authorization to AMGEN to refer to the deposited microorganisms(s) or other biological materials(s) in the Application and the right to make available to the public the deposited material in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

I authorize and request the Commissioner of Patents and Trademarks of the United States to issue any such Letters Patent which may be granted on the Application to AMGEN as assignee of the entire right, title and interest therein and thereto.

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For myself and for my legal representatives, I covenant and agree with AMGEN that I have not granted to any others any license to make, use or sell any such inventions, that my right, title and interest in such inventions has not been encumbered, that I have good right and title to sell and assign the same, and that I will not execute any instrument in conflict herewith.

For myself and for my heirs, successors and legal representatives, I further covenant and agree with AMGEN that upon request I and they will: (i) execute continuing, divisional, or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to AMGEN any facts known to me or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigation; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for AMGEN, may be necessary or desirable to secure the grant of Letters Patent to AMGEN or its nominees, in the United States and in all other countries where AMGEN may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for AMGEN and to vest and confirm in AMGEN or its nominees the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid but at the expense of AMGEN.

In Witness Whereof I have execu	ted this assignment on the 20 day of August 2001		
Christiaan M. Saris			
(Name of Inventor)	(Signature of Inventor)		
UN	IITED STATES OF AMERICA		
State of California County of Ventura State of California State of California State of California	august 20 2001		
Before me, a Notary Public for V	entura County, State of California, personally appeared		
Christiaan M. Saris			
personally known to me - OR -	proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, of the entity upon behalf of which the person acted, executed the instrument.		
CHRISTINA A. GUTIERREZ Commission # 1200954 Notary Public — California Ventura County My Comm. Expires Nov 6, 2002	WITNESS my hand and official seal. Christian Ca. Hutterie Notary Public My commission expires Twentee 6 2002		

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ited this assignment on the 15 day of August 200
(Signature of Inventor)
HTED STATES OF AMERICA sing stitute in Takens such Office August 15 2001
, Taiwan, personally appeared
proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, of the entity upon behalf of which the person acted, executed the instrument.