

## **EXHIBIT H-31**



24. - 1111 - (1 of 1)  
#31  
39



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent No. 4,703,008	)	"PRODUCTION OF
Granted October 27, 1987	)	ERYTHROPOIETIN"
	)	
U.S. Serial No. 675,298	)	Group No. 127
Filed November 30, 1984	)	
	)	
Inventor: FU-KUEN LIN	)	Examiner - A.E. Tanenholtz

REQUEST FOR CERTIFICATE OF CORRECTION UNDER RULE 323

**CERTIFICATE**

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

APPROVED

APR 27 1989

OCT 17 1989

**OF CORRECTION**

Sir:

*Mary W. Allen*  
FOR THE COMMISSIONER OF PAT. & T.M.

Patentee respectfully requests a Certificate of Correction to be issued for the above-identified U.S. Patent correcting the patent as noted in the attached "Certificate of Correction" form PTO 1050 (Rev. 3-82). Duplicate copies of the form are attached hereto.

The requested corrections in the patent can be verified by examination of the Patent Office file. Specifically, applicant's submissions dated October 20, 1987 and October 21, 1987 (respectively Paper Nos. 25 and 23, copies of which are attached hereto) establish that certain specifically identified recombinant clones (clone "83" mentioned at page 34, line 32 and clone XHE1 referred to at page 42, line 24) were the subject of deposit Nos. 67545 and 40381 made at the American Type Culture Collection, 12301 Parklawn Drive, Rockville, Md., on October 20, 1987, prior to issuance of the above-identified U.S. Patent.

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NOTICE: CERTIFICATES OF CORRECTION

*Please Check*

Paper No. 32

DATE: 9-15-89  
 TO: Supervisor, Art Unit 127  
 SUBJECT: Certificate of Correction Request in Patent No. 4703008

A response to the following question(s) is requested with respect to the accompanying request for a certificate of correction.

1. Would the change(s) requested under 37 CFR 1.323 constitute new matter or require reexamination of the application?
2. Would the change(s) requested under 37 CFR 1.323 materially affect the scope or meaning of the claims allowed by the examiner in the patent?
3. Applicant disagrees with change(s) initialed and dated by Examiner in lieu of an Examiner's Amendment. Should the change request be granted?
4. With respect to the change(s) requested, correcting Office errors, should the patent read as shown in the certificate of correction?
5. If the amendment filed \_\_\_\_\_ had been considered by the Examiner, would the amendment have been entered?

PLEASE RESPOND WITHIN 7 DAYS AND RETURN THE FILE TO ROOM 809, PKI

*B. Jones*  
Patent Assistant

TO: CERTIFICATES OF CORRECTION BRANCH	DATE: <u>10/13/89</u>															
<p>The decision regarding the change(s) requested in the certificate of correction is shown below.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">1. <input type="checkbox"/> YES</td> <td style="width: 33%;"><input checked="" type="checkbox"/> NO</td> <td style="width: 33%;"><input type="checkbox"/> Comments below</td> </tr> <tr> <td>2. <input type="checkbox"/> YES</td> <td><input type="checkbox"/> NO</td> <td><input type="checkbox"/> Comments below</td> </tr> <tr> <td>3. <input type="checkbox"/> YES</td> <td><input type="checkbox"/> NO</td> <td><input type="checkbox"/> Comments below</td> </tr> <tr> <td>4. <input checked="" type="checkbox"/> YES</td> <td><input type="checkbox"/> NO</td> <td><input type="checkbox"/> Comments below</td> </tr> <tr> <td>5. <input type="checkbox"/> YES</td> <td><input type="checkbox"/> NO</td> <td><input type="checkbox"/> Comments below</td> </tr> </table> <p><input type="checkbox"/> Comments _____</p> <p style="text-align: center; margin-top: 20px;"> <i>Thomas J. Williams</i>      <u>185</u>              Supervisor                      Art Unit         </p>		1. <input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> Comments below	2. <input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> Comments below	3. <input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> Comments below	4. <input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> Comments below	5. <input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> Comments below
1. <input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> Comments below														
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5. <input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> Comments below														

PTOL-306 (REV. 10/87)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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PATENT NUMBER: 4703008 ISSUE DATE: 10/27/87  
SERIAL NUMBER: 067675298 FILING DATE: 11/30/84  
TITLE: DNA SEQUENCES ENCODING ERYTHROPOIETIN  
APPLICANT: LIN, FU-KUEN

REEL: 4082 FRAME: 0075 DATE RECORDED: 01/20/85 NUMBER OF PAGES: 011  
ASSIGNOR: LIN, FU-KUEN  
EXC DATE: 11/29/84  
ASSIGNEE: KIRIN-AMGEN, INC., 1900 OAK TERRACE LANE, THOUSAND OAKS, CA 91320, CORP. OF CA.

BRIEF:  
ASSIGNMENT OF ASSIGNORS INTEREST  
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REEL: 4785 FRAME: 0059 DATE RECORDED: 11/16/87 NUMBER OF PAGES: 011  
ASSIGNOR: KIRIN-AMGEN INC., A CORP. OF CA.  
EXC DATE: 10/27/87

YOU HAVE MORE SCREENS. PRESS THE ASSNR KEYS & SEND FOR NEXT SCREEN  
ASSIGNEE: AMGEN INC., 1900 OAK TERRACE LANE, THOUSAND OAKS, CA 91320, A  
CORP. OF CA.

BRIEF:  
ASSIGNMENT OF ASSIGNORS INTEREST  
RETURN ADDRESS: FAMELA A. SIMONTON  
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NO MORE INFORMATION FOR THIS SERIAL NUMBER

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