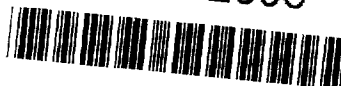


FORM PTO-1005  
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05-08-2000

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



101349988

Tab settings

To the Honorable Commissioner of Patents

(original documents or copy thereof)

1. Name of conveying party(ies):

Tse Wen Chang

4.14.00

2. Name and address of receiving party(ies):

Name: TANOK, INC.

Internal Address:

Street Address: 10301 Stella Link

City: Houston State: TX ZIP: 77025

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date:

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

N/A

A. Patent Application No.(s)

07/140,036

09/015,269

07/226,421

09/240,476

07/291,068

60/073,033

B. Patent No.(s)

5,422,258

5,449,760

5,428,133

5,420,251

5,543,144

5,614,611

Additional numbers attached? ☒ Yes ☐ No See Exhibit A of Assignment

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Eric P. Mirabel

Internal Address:

TANOK, INC.

Street Address: 10301 Stella Link

City: Houston State: TX ZIP: 77025

6. Total number of applications and patents involved: 12

7. Total fee (37 CFR 3.41): \$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

20-0087

(Attach duplicate copy of this page if paying by deposit account)

05/08/2000 DC0ATES 00000009 200087 07140036

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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 true copy of the original document.

ERIC P. MIRABEL

Name of Person Signing

Eric P. Mirabel

Signature

4/12/00

Date

No. 31,211

Total number of pages comprising cover sheet

**Exhibit A – Patents and applications relating to anti-IgE products**

<b>Subject Matter Patents</b>	<b>Application</b>	<b>US Patents</b>	<b>Foreign Applications and Patents</b>
Anti-IgE antibodies and their method of making	07/140,036 07/226,421 07/291,068	5,422,258	Europe 407,392 Japan 2,724,625 Hong Kong 310/1996 Singapore P9592208-4 Australia 618,317 Canada 1,340,233
Recombinant anti-IgE with human IgG1 or IgG3 constant regions	07/808,034	5,428,133	
Treating allergic reactions or lowering IgE levels with anti-IgE	08/328,842	5,543,144	
Anti-IgE antibodies with human IgG1 or IgG3 constant regions or which do not bind to FcεRII	07/320,294	5,614,611	
Monoclonal antibodies binding to soluble IgE but not IgE on IgE-expressing B cells or basophils	07/842,456	5,449,760	
Treating atopic dermatitis with IgE agonists	60/073,033 09/015,269 09/240,476		WO99/38531
Anti-idiotypic antibodies to anti-IgE antibodies which do not bind IgE on basophils	07/357,483	5,420,251	

## CONFIRMATION ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I, who has made an invention relating to anti-IgE set out in the attached Table (Exhibit "A"), confirm that I have assigned, sold, transferred and conveyed and by this Assignment do assign sell, transfer and convey to the undersigned Tanox, Inc., a corporation having an office in Houston, Texas, sometimes hereinafter called "Assignee," its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said inventions;
2. My United States of America patents on said inventions, identified in the attached Table
3. All applications for patent or like protection on said inventions that have now been or may in the future be made by me or my legal representatives, whether in the United States of America or any other country or place anywhere in the world including those set out in the attached Table;
4. All patents and like protection that have now been or may in the future be granted on said inventions to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world including those foreign applications and patents set out in the attached Table;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including, without limitation, those obtained or permissible under past, present and future law and statutes;
6. All rights of action on account of past, present and future authorized or unauthorized use of said inventions and for infringement of said patents and like protection;
7. The right of Assignee to file in its name applications for patents and like protection for said inventions in any country and countries foreign to the United States; and
8. All international rights of priority associated with said inventions, applications, patents and like protection;

(hereinafter "Rights").

Further, I covenant and agree that I will, at the expenses of Assignee, its successors and assigns, cooperate with Assignee at Assignee's expense whereby Assignee may enjoy to the fullest extent the benefit of this Agreement. Such cooperation shall include but not limited to:

(1) Prompt execution of all papers that are deemed necessary or desirable by Assignee to perfect the right, title and interest herein conveyed, and

(2) Prompt execution of all petitions, oaths, specifications, declarations or other papers that are deemed necessary or desirable by Assignee for prosecuting patent applications, for filing and prosecuting substitute, division, continuing, or additional applications in the United States and/or foreign countries, for filing and prosecuting applications for reissuance or reexamination of letters patent, and for interference proceedings involving and covering any of the Rights, and

(3) Prompt assistance and cooperation, including but not limited to execution of documents and testifying, in the prosecution of legal proceedings involving any of the Rights, including, but not limited to, patent prosecution, interference proceedings, infringement court actions, opposition proceedings, cancellation proceedings, priority contests, unfair competition court actions, trade secret court actions, public use proceedings, slander, license breach and royalty collection proceedings and any other legal proceedings.

Further, I warrant that I have the right to make the assignment set forth herein.

Further, this Agreement shall be binding upon me, my heirs, administrators, executors, successors, trustees, devisees and assigns.

Further, this Agreement shall inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED at the time and place indicated below opposite the signature:

Date: April 11, 2000

By: Tse Wen Chang  
Tse Wen Chang

STATE OF TEXAS

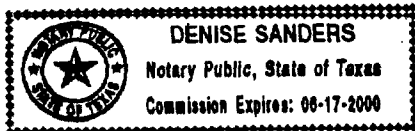
COUNTY OF HARRIS

§  
§  
§

BEFORE ME, the undersigned authority, on this day personally appeared Tse Wen Chang, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 11<sup>th</sup> day of April, 2000.

[SEAL]



Denise Sanders  
Notary Public Signature

DENISE SANDERS  
Notary Printed Name

Commission Expires 6/17/2000

TANOX, INC.

Date: April 11, 2000

By: Nancy T. Chang  
Nancy T. Chang, Ph.D.  
President

At: Houston, Texas

STATE OF TEXAS

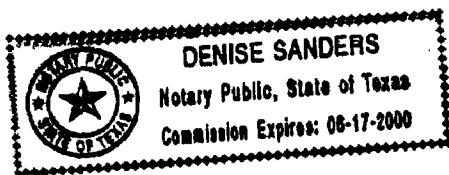
§  
§  
§

COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this day personally appeared Nancy T. Chang, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 11<sup>th</sup> day of April, 2000.

[SEAL]



Denise Sanders  
Notary Public Signature

DENISE SANDERS  
Notary Printed Name

Commission Expires 6/17/2000