



TO THE ASSISTANT COMMISSIONER FOR PA'

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nents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 1. Peter Steinert
- 2. Lyuben Marekov
- 3. Zoltan Nemes

8-5-02

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

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

Name: The Government of the United States of America, as Represented by the Secretary, Department of Health and Human Services

Internal Address: Suite 325

Street Address: 6011 Executive Blvd.

City: Rockville **State:** Maryland **ZIP:** 20852-3804

Additional name(s) of receiving party(ies) attached?
() Yes (X) No

3. Nature of conveyance:

(X) Assignment

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

- 1. July 29, 2002
- 2. July 29, 2002
- 3. July 19, 2002

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

(X) Patent Application No.: 10/023,275
Filing Date: December 13, 2001

Additional numbers attached? () Yes (X) No

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

Name: Nancy W. Vensko
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995
Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach **State:** CA **ZIP:** 92660
Attorney's Docket No.: NIH168.001C1

7. Total fee (37 CFR 1.21(h)): \$40

(X) Enclosed

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Nancy W. Vensko
Name of Person Signing

7/30/02
Signature

[Signature]
Date

36,298
Registration No.

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

08/05/2002 TDIAZ1 00000145 10023275
01 FC:581 40.00 DP

U.S. Patent and Trademark Office
Attn: Assignment Division
Crystal Gateway-4
1213 Jefferson Davis Highway, Suite 320
Arlington, VA 22202

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ASSIGNMENT

WHEREAS, we, Peter Steinert, 6303 Berkshire Drive, Bethesda, MD 20814, citizenship: USA; Lyuben Marekov, 6010 California Circle, Apt. 405, Rockville, MD 20852; citizenship: Bulgaria; Zoltan Nemes, Dienes Janos u.23, h-4029 Debrecen, Hungary; citizenship: Hungary, employees of the Department of Health and Human Services, have invented ICHTHYOSIFORM SKIN DISEASES, for which we have made application for Letters Patent of the United States Serial No. 10/023,275 filed December 13, 2001, which claims the benefit of priority of International Application No. PCT/US00/17235 filed June 22, 2000, which claims the benefit of priority of U.S. Application No. 60/140,656 filed June 23, 1999;

WHEREAS, we are the applicants named in the above-identified application for Letters Patent;

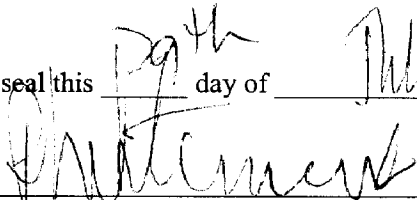
WHEREAS, the conditions under which said invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, the Government of the United States is desirous of acquiring all domestic and foreign right, title and interest in the above-mentioned invention described in the application for Letters Patent; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to the United States of America, represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the U.S. and within each and every foreign country in which the Government elects to file and the entire right, title and interest in and to such applications, and any continuations, continuations-in-part, divisions, reissues or extensions thereof, and including priority rights as may be filed in the U.S. and foreign countries, and such Letters Patent as may be granted to be held by the Government to the end of the term for which the same would have been held by the inventors had this assignment not been made.

We further agree to make, execute and deliver to the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist the Government in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by the Government.

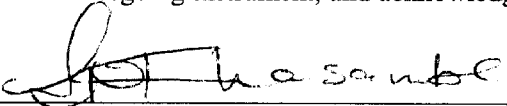
IN WITNESS WHEREOF, I hereunto set my hand and seal this 29th day of July, 2002



Peter Steinert

STATE OF MD
COUNTY OF Montgomery] ss.

On this 29th day of July, 2002, before me, a Notary Public in and for the State and County aforesaid, personally appeared Peter Steinert, personally known to me or proven on the basis of satisfactory evidence to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his/her free act and deed.



Notary Public in and for the aforesaid County and State
My Commission Expires: 06-28-05

JUSTINE NEBIRA-KHASAMBA
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires June 28, 2005

Client Code : NIh168.001C1
Serial No. : 10/023,275
Filing Date : December 13, 2001

IN WITNESS WHEREOF, I hereunto set my hand and seal this 29th day of July, 2002

Lyuben Marekov
Lyuben Marekov

STATE OF _____
 |
 | ss.
COUNTY OF _____

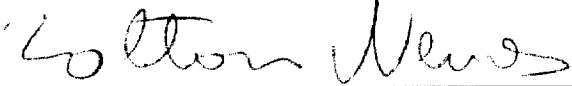
On this 29th day of July, 2002, before me, a Notary Public in and for the State and County aforesaid, personally appeared Lyuben Marekov, personally known to me or proven on the basis of satisfactory evidence to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his/her free act and deed.

Justine Nebira-Khasamba
Notary Public in and for the aforesaid County and State
My Commission Expires: 06-28-05

**JUSTINE NEBIRA-KHASAMBA
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires June 28, 2005**

Client Code : Nih168.001C1
Serial No. : 10/023,275
Filing Date : December 13, 2001

IN WITNESS WHEREOF, I hereunto set my hand and seal this 19 day of 07, 2002



Zoltan Nemes

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