

Express Mail: EL862127697US  
Date of Deposit: November 29, 2001

12-05-2001

Attorney Docket No. 18989-012CON



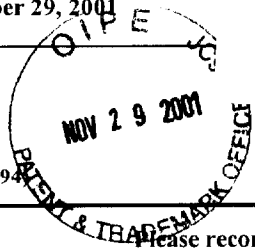
FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

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11-29-01

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Erin Hutchinson  
Mark Buchanan  
Kullervo Hynynen

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

2. Name and address of receiving party(ies)

Name: Brigham and Womens' Hospital, Inc.

Internal Address:

Street Address: 75 Francis Street  
Boston, Massachusetts 02115

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other \_\_\_\_\_
- Merger
- Change of Name

Execution Date: 6/21/01; 08/13/01; 08/16/01

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 \_\_\_\_\_

A. Patent Application No(s): 09/692,294

B. Patent No(s):

Additional numbers attached?  Yes  No

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

Name: Shane H. Hunter, Esq.  
Address: MINTZ, LEVIN, COHN, FERRIS  
GLOVSKY and POPEO, P.C.  
One Financial Center  
Boston, MA 02111

6. Total number of applications and patents involved: [ 1 ]

- 7. Total fee (37 CFR 3.41) \$40.00
- Enclosed
- The Commissioner is authorized to charge Deposit Account No: 50-0311, Reference No. 18989-012.

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 true copy of the original document.

Shane H. Hunter, Reg. No. 41,858

November 29, 2001

Name of Person Signing

Signature

Date

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

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Washington, D.C. 20231



08-31-2001

Attorney Docket No. 18989-012CON



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FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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Mark Buchanan
Kullervo Hynynen

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

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No: 50-0311, Reference No. 18989-012.

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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.

Shane H. Hunter, Reg. No. 41,858

August 24, 2001

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Signature

Date

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PATENT
REEL: 012330 FRAME: 0932

## **ASSIGNMENT**

We, Erin Hutchinson; Mark Buchanan and Kullervo Hynynen, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer Brigham and Womens' Hospital., Inc. a Massachusetts nonprofit organization, with offices at 75 Francis Street, Boston, MA 02115 and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

### **APPARATUS FOR DEPOSITION OF ULTRASOUND ENERGY IN BODY TISSUE**

filed with the U.S. Patent and Trademark Office on October 19, 2000 and assigned Serial No. 09/692,294 including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names at the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 6/21/01

*Erin Hutchinson*  
Erin Hutchinson

State of Arizona  
Country of U.S.A.

Subscribed and sworn to before me this 21<sup>st</sup> day of June, 2001.



*Brenda Mason*  
Notary Public  
My commission expires March 31, 2004

Date: August 13, 2001

*Mark Buchanan*  
Mark Buchanan


State of ARIZONA  
Country of USA

Subscribed and sworn to before me this 13<sup>th</sup> day of August, 2001.



*David A. Keiser*  
Notary Public  
My commission expires 2-19-04

Date: 8/16/01

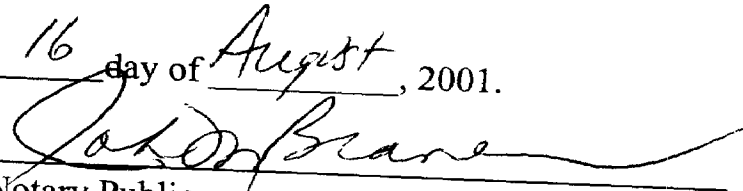
  
Kullervo Hynynen

State of Massachusetts

Country of Suffolk

Subscribed and sworn to before me this 16 day of August, 2001.

SEAL

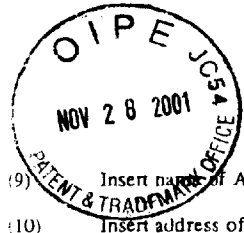
  
Notary Public

My commission expires MY COMMISSION EXPIRES JUNE 19, 2003

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

- (1) Masakazu FUNAHASHI (5) \_\_\_\_\_
- (2) Hiromasa ARAI (6) \_\_\_\_\_
- (3) Chishio HOSOKAWA (7) \_\_\_\_\_
- (4) \_\_\_\_\_ (8) \_\_\_\_\_



(9) Insert name of Assignee  
(10) Insert address of Assignee

- (9) Idemitsu Kosan Co., Ltd.
- (10) 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, Japan

In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(11) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number

- (11) NOVEL STYRYL COMPOUND AND ORGANIC ELECTROLUMINESCENCE DEVICE  
(Case No. OHTN:004)

for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application

- (12) on September 18, 2001

(13) Alternative identification for filed applications

- (13) U.S. application Serial Number 09/943,578  
filed August 31, 2001

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of PARKHURST, WENDEL & BURR, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date September 18, 2001 Name of Inventor Masakazu FUNAHASHI / Masakazu Funahashi (SEAL)

Date September 18, 2001 Name of Inventor Hiromasa ARAI / Hiromasa Arai (SEAL)

Date September 18, 2001 Name of Inventor Chishio HOSOKAWA / Chishio Hosokawa (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_