

9-17.03
5-4-04

RE

PATENT
1300-4003 MIT 9845

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

9.17.03

APPLICANTS: Poh-Boon PHUA et al.

GROUP ART UNIT: To be assigned

FILED: September 17, 2003

SERIAL NO.: 10/664,135

FOR: INDEPENDENTLY VARIABLE FIRST AND SECOND ORDER POLARIZATION
MODE DISPERSION COMPENSATOR

RECORDATION FORM COVER SHEET PURSUANT TO 37 C.F.R. § 3.31

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

05-06-2004



Sir:

102739109

Please record the attached original documents or copy thereof. Document ID No. 102557661

1. Name and Address of Conveying Parties

Poh-Boon PHUA, 26A, Parbury Avenue, S457334 Singapore
Eleanor L. HAUS, executor for Hermann A. HAUS (deceased), 3 Jeffrey Terrace, Lexington, MA
02420, USA

2. Name and Address of Receiving Party:

Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139

3. Name of Conveyance: Assignment

Execution Date: September 2 & 15, 2003

4. U.S. patent application serial no. 10/664,135, filed September 17, 2003

5. Address all future communications to: Brenda Pomerance, Esq.
Law Office of Brenda Pomerance
260 West 52 St. Ste. 27B
New York, NY 10019

6. Total number of applications and patents involved: ONE

7. Total fee (37 C.F.R. § 3.41): \$40 per property x ONE property = \$40.00.
A credit card authorization was previously submitted.

8. 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.

Respectfully submitted,

Date: April 28, 2004

Brenda Pomerance
Brenda Pomerance Reg. No. 36,894

Total number of pages including the recordation cover sheet 3

09/22/2003 HMARZ11 00000068 10664135

04 FC:8021

40.00 DP

PATENT
REEL: 015287 FRAME: 0340

9.17.03

PATENT
1300-4003 MIT 9845, 9846

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Poh-Boon PHUA et al.

GROUP ART UNIT: To be assigned

FILED: Herewith

SERIAL NO.: To be assigned

FOR: INDEPENDENTLY VARIABLE FIRST AND SECOND ORDER POLARIZATION
MODE DISPERSION COMPENSATOR

22389 U.S. PTO
10/664135
09/17/03

RECORDATION FORM COVER SHEET PURSUANT TO 37 C.F.R. § 3.31

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Please record the attached original documents or copy thereof.

1. Name and Address of Conveying Parties

Poh-Boon PHUA, 26A, Parbury Avenue, S457334 Singapore
Hermann A. HAUS, 3 Jeffrey Terrace, Lexington, MA 02420, USA

2. Name and Address of Receiving Party:

10/664135

Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139

3. Name of Conveyance: Assignment

Execution Date: September 28 15, 2003

4. Application Number or Patent Number:

[X] This document is being filed with a new application executed on Sept 28/15, 2003.

5. Address all future communications to: Brenda Pomerance, Esq.
Law Office of Brenda Pomerance
260 West 52 St. Ste. 27B
New York, NY 10019

6. Total number of applications and patents involved: ONE

7. Total fee (37 C.F.R. § 3.41): \$40 per property x ONE property = \$40.00.
A check in the amount of \$40.00 to cover the recordation fee is enclosed.

8. 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.

Respectfully submitted,

Date: September 17, 2003

Brenda Pomerance
Brenda Pomerance Reg. No. 36,894

Total number of pages including the recordation cover sheet 3

9/22/2003 HKARZII 00000000 10664135

4. FD-0001

40.00 DP

PATENT
REEL: 015287 FRAME: 0341

ASSIGNMENT

Whereas I, one of the undersigned **INVENTORS**, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled, **INDEPENDENTLY VARIABLE FIRST AND SECOND ORDER POLARIZATION MODE DISPERSON COMPENSATOR**, which application was filed herewith; and

Whereas, the Massachusetts Institute of Technology, a Massachusetts corporation having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;


4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all

assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have executed this Assignment as an instrument under seal on the date indicated next to my name.


Dated: 9/15/03

INVENTOR: 
Poh-Boon PHUA

State of Massachusetts)

County of Singapore)
Middlesex

On this 15 day of September, 2003, before me personally appeared **Poh-Boon Phua**, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.


Notary Public

My Commission Expires: ELLEN DeANGELIS
NOTARY PUBLIC
Commonwealth of Massachusetts
Commission Expires Sept. 4, 2009

[seal]


Dated: Sept. 2, 2003

INVENTOR: Eleanor L. Haus
Hermann A. HAUS (deceased)
by his executor Eleanor L. HAUS

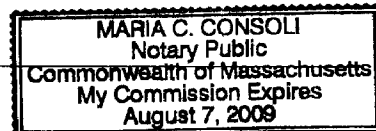
State of Massachusetts)

County of Middlesex)

On this 2 day of September, 2003, before me personally appeared **Eleanor L. Haus**, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.


Notary Public

My Commission Expires:



[seal]