

03-16-2004

129-001

Form PTO-1595 (Rev. 10/02) RE
OMB No. 0651-0027 (exp. 6/30/2005)
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102698401

U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 3-16-04
Ian Robert Appelbaum 7/8/2003
Douwe Johannes Monsma 7/8/2003
Kasey Joe Russell 7/8/2003

2. Name and address of receiving party(ies)
Name: President and Fellows
of Harvard College
Internal Address: _____

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name

Other Record to correct first
assignor's name on an
assignment previously recorded

Street Address: 17 Quincy Street

City: Cambridge State: MA Zip: 02138

Execution Date: on reel/frame 014285/043

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

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) 10/615,552

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: James Marc Leas

Internal Address: _____

Street Address: 37 Butler Drive

City: S. Burlington State: VT Zip: 05403

6. Total number of applications and patents involved:

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

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: _____

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9. Signature.

James Marc Leas
Name of Person Signing

James Marc Leas
Signature

March 11, 2004
Date

Total number of pages including cover sheet, attachments, and documents: 5

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PATENT
REEL: 015084 FRAME: 0805

07-22-2003

129-001

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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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19249 U.S. PTO 10/615552

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Ian Robert Applebaum Douwe Johannes Monsma Kasey Joe Rusell Additional name(s) of conveying party(ies) attached? [] Yes [x] No

7.8.03

2. Name and address of receiving party(ies) Name: President and Fellows of Harvard college Internal Address:

3. Nature of conveyance: [x] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: 7/8/03

Street Address: 17 Quincy Street City: Cambridge State: MA Zip: 02138 Additional name(s) & address(es) attached? [] Yes [x] No

4. Application number(s) or patent number(s): 10615552 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? [] Yes [x] No

6. Total number of applications and patents involved: 1

5. Name and address of party to whom correspondence concerning document should be mailed: Name: James Marc Leas Internal Address: Street Address: 37 Butler Drive City: S. Burlington State: VT Zip: 05403

7. Total fee (37 CFR 3.41).....\$ 40 [x] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number:

07/11/2003 BARRAHAI 00000009 10615552 40.00 DP

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9. Signature. James Marc Leas Name of Person Signing Signature Date 7-8-2003 Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PTO/BE/15 (08-00)

Approved for use through 05/31/2002, OMB 0551-0027

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

129-001

Whereas, I, Ern Robert Appelbaum, Providence, RI hereafter referred to as applicant, have invented certain new and useful improvements in Magneto-luminescent Transducer

for which an application for a United States Patent was filed on _____ Application Number _____

for which an application for a United States Patent was executed on _____, and

Whereas, President and Fellow of Harvard College Cambridge, MA herein referred to "assignee" whose mailing address is 17 QUINCY STREET is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of valuable consideration dollars (\$ _____), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 8th day of July, 2003

at Harvard University

[Signature]
(Signature)

State of _____) SS:
County of _____)
Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____ 20____

Seal

(Notary Public)

Burdens Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.

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PTO/SB/15 (10-00)

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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

129-001

Whereas, I, DAVIDE JOHANNES HOASMA of CAMBRIDGE, MA, hereafter referred to as applicant, have invented certain new and useful improvements in

MAGNETO-LUMINESCENT TRANSDUCER

for which an application for a United States Patent was filed on _____, Application Number _____

for which an application for a United States Patent was executed on _____, and

Whereas, President and Fellows of Harvard College of CAMBRIDGE, MA herein referred to

"assignee" whose mailing address is 17 QUIACY STREET is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of valuable consideration dollars (\$ _____), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States,

I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof;

and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 8th day of July, 2003

at HARVARD UNIVERSITY,

[Signature]
(Signature)

State of MA SS:
County of _____

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 20____.

See:

(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.

PTO/SB/15 (04-00)

Approved for use through 05/31/2002. OMB 0851-0027

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

129-221

Whereas Kasey Joe Russell of Summerville, MA, hereafter referred to as applicant, have invented certain new and useful improvements in Magneto-luminescent Transducer

for which an application for a United States Patent was filed on _____ Application Number _____

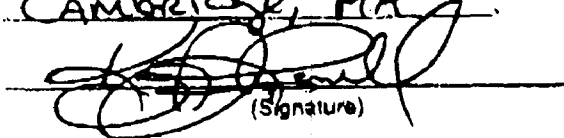
for which an application for a United States Patent was executed on _____ and

Whereas, President and Fellows of Harvard College Cambridge, MA herein referred to "assignee" whose mailing address is 17 QUINCY STREET is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of valuable consideration dollars (\$ _____), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 8th day of July, 2003

at HARVARD University, Cambridge, MA


(Signature)

State of MA
County of _____
Before me personally appeared said _____
and acknowledged the foregoing instrument to be his true act and deed this _____
day of _____, 20____.

Seal

(Notary Public)

Blindfold Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.