

07-24-2002



102165836

OFFICE OF PUBLIC RECORDS
FEB JUL 13 AM 11: 28
FINANCE SECTION

TO: The Commissioner of Patents and Trademarks: Please record the original document(s) or copy(ies).

Submission Type

New 7.18.02

Resubmission (Non-Recordation)

Document ID#

Correction of PTO Error

Reel # Frame #

Corrective Document

Reel# Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Second Party

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)
City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

07/23/2002 BTOM11 00000057 09347591

FOR OFFICE USE ONLY

01 FC:581 210.00.00

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

|

|

|

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned. PCT PCT PCT
PCT PCT PCT

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account
Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #
Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Steven D. Thomas
Name of Person Signing

Steven D. Thomas
Signature

July 18, 2002
Date Signed

NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS

United States Patent and Trademark Office

Gentlemen:

Please be advised that pursuant to the Security Agreement dated as of April 2, 2002 (as the same may be amended, modified, extended or restated from time to time the "Security Agreement") by and among the Obligors party thereto (each an "Obligor" and collectively, the "Obligors") and Wachovia Bank, National Association, as Administrative Agent (the "Administrative Agent") for the lenders referenced therein (the "Lenders"), the undersigned Obligor has granted a continuing security interest in and continuing lien upon, the patents and patent applications shown below to the Administrative Agent for the ratable benefit of the Lenders:

PATENTS

<u>Patent No.</u>	<u>Description of Patent Item</u>	<u>Date of Patent</u>
-------------------	---------------------------------------	---------------------------

PATENT APPLICATIONS

<u>Patent Applications No.</u>	<u>Description of Patent Applied For</u>	<u>Date of Patent Applications</u>
------------------------------------	--	--

The Obligor and the Administrative Agent, on behalf of the Lenders, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

THE MICROSPRING COMPANY, LLC,
a Delaware limited liability company

By: 

Name: Joseph Caffarelli

Title: Senior Vice President &
Chief Financial Officer

Acknowledged and Accepted:

WACHOVIA BANK, NATIONAL ASSOCIATION,
as Administrative Agent

By: 

Name: Jessica S. Wright

Title: Director

The MicroSpring Company, LLC

U.S. Patents

Issued Patents

Description	Patent No.	Issued
RADIOPAQUE MEDICAL DEVICES	5,724,989	3/10/98
RADIOPAQUE MEDICAL DEVICES	5,876,783	3/2/99
GUIDE WIRE	5,606,979	11/12/96
TORQUE TRANSMITTER	5,052,404	10/1/91
METHOD OF MAKING A TORQUE TRANSMITTER	5,103,543	4/14/92

Pending Application

Description	Appl. No.	Filing Date
	09/347,591	7/1/99
ENTRAINING BIOLOGICAL CALCULI	09/862,068	5/21/01

July 18, 2002

Via Express Mail:
EV095917135US

Steven D. Thomas
Attorney at Law

T 919 286 8122
F 919 416 8322
steventhomas@mvalaw.com

Commissioner of Patents and Trademarks
BOX ASSIGNMENTS
Washington, D.C. 20231

Moore & Van Allen PLLC

Offices:
Suite 800
2200 West Main Street
Durham, NC 27705-4658

Mailing Address:
Post Office Box 3843
Durham, NC 27702-3843

Re: Recordation of Notice of Grant of Security Interest in Patents.
Attorney Docket Number: 512485.988

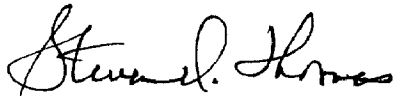
Dear Sir/Madam:

Please find enclosed the following documents for recording with the Patent and Trademark Office.

1. Recordation Form Cover Sheet – Patents;
2. Notice of Grant of Security Interest in Patents, executed April 2, 2002, between The MicroSpring Company, LLC and Wachovia Bank, National Association, as Administrative Agent;
3. Check No. 34622 in the amount of Two Hundred and Eighty Dollars (\$280.00);
4. Postcard acknowledgment of filed Notice of Grant of Security Interest in Patents documents.

Sincerely yours,

Moore & Van Allen PLLC


Steven D. Thomas

CERTIFICATE OF MAILING BY "EXPRESS MAIL"
"Express Mail" mailing label number EV095917135US
I hereby certify that this correspondence is addressed to the Commissioner of Patents and Trademarks, BOX ASSIGNMENTS, Washington, DC 20231 and is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date noted below.

Kim Oakley
(Typed or printed name of person mailing paper or fee)

K. Oakley
(Signature of person mailing papers or fee)

7-18-2002
(Date of Signature)