

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
MARK R. FERNALD	01/09/2004
TREVOR W. MACDOUGALL	01/08/2004
MARTIN A. PUTNAM	01/09/2004
REBECCA S. BRYANT	01/13/2004
CHRISTOPHER J. WRIGHT	01/09/2004
MICHAEL ARCAND	01/14/2004
CHRISTOPHER T. CHIPMAN	01/12/2004

**RECEIVING PARTY DATA**

Name:	WEATHERFORD/LAMB, INC.
Street Address:	515 POST OAK BLVD.
Internal Address:	SUITE 600
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77027

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	10755708

**CORRESPONDENCE DATA**

Fax Number: (713)623-4846  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 713.623.4844  
 Email: emarques@pattersonsheridan.com  
 Correspondent Name: RANDOL W. READ  
 Address Line 1: 3040 POST OAK BLVD.  
 Address Line 2: SUITE 1500  
 Address Line 4: HOUSTON, TEXAS 770566582

CH \$40.00 10755708

ATTORNEY DOCKET NUMBER:

WEAT/0553

NAME OF SUBMITTER:

RANDOL W. READ

**Total Attachments: 20**

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**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses  
of Inventors:

1)	Mark R. Fernald 35 Tyler Road Enfield, CT 06082	2)	Trevor W. MacDougall 32 Elaine Drive Simsbury, CT 06070
3)	Martin A. Putnam 78 Lancaster Way Cheshire, CT 06410	4)	Rebecca M. Bryant 85 Moseley Terrace Glastonbury, CT 06033
5)	Christopher J. Wright 63275 Eastview Drive Bend, OR 97701	6)	Michael Arcand 35 Isinglass Hill Road Portland, CT 06480
7)	Christopher T. Chipman 88 Cemetery Road Scotland, CT 06264		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

**LARGE DIAMETER OPTICAL WAVEGUIDE SPLICE**for which application for Letters Patent in the United States was filed on January 12, 2004,  
under Serial No. 10/755,708; and

WHEREAS, Weatherford/Lamb, Inc., a corporation of the State of Delaware, having a place of business at 515 Post Oak Boulevard, Suite 600, Houston, Texas 77027 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths,


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prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) 4/9/04, 2004   
Mark R. Fernald
- 2) \_\_\_\_\_, 2004 \_\_\_\_\_  
Trevor W. MacDougall
- 3) \_\_\_\_\_, 2004 \_\_\_\_\_  
Martin A. Putnam
- 4) \_\_\_\_\_, 2004 \_\_\_\_\_  
Rebecca M. Bryant
- 5) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher J. Wright
- 6) \_\_\_\_\_, 2004 \_\_\_\_\_  
Michael Arcand
- 7) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher T. Chipman

prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

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IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) \_\_\_\_\_, 2004 \_\_\_\_\_  
Mark R. Fernald
- 2) 1-8-04, 2004 Trevor W. MacDougall  
Trevor W. MacDougall
- 3) \_\_\_\_\_, 2004 \_\_\_\_\_  
Martin A. Putnam
- 4) \_\_\_\_\_, 2004 \_\_\_\_\_  
Rebecca M. Bryant
- 5) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher J. Wright
- 6) \_\_\_\_\_, 2004 \_\_\_\_\_  
Michael Arcand
- 7) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher T. Chipman

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- 1) \_\_\_\_\_, 2004 \_\_\_\_\_  
Mark R. Fernald
- 2) \_\_\_\_\_, 2004 \_\_\_\_\_  
Trevor W. MacDougall
- 3) 1-9-04, 2004 *Martin A. Putnam*  
Martin A. Putnam
- 4) \_\_\_\_\_, 2004 \_\_\_\_\_  
Rebecca M. Bryant
- 5) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher J. Wright
- 6) \_\_\_\_\_, 2004 \_\_\_\_\_  
Michael Arcand
- 7) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher T. Chipman

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- 1) \_\_\_\_\_, 2004 \_\_\_\_\_  
Mark R. Fernald
- 2) \_\_\_\_\_, 2004 \_\_\_\_\_  
Trevor W. MacDougall
- 3) \_\_\_\_\_, 2004 \_\_\_\_\_  
Martin A. Putnam
- 4) 13 Jan, 2004 Rebecca S. Bryant  
Rebecca M. Bryant  
S.
- 5) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher J. Wright
- 6) \_\_\_\_\_, 2004 \_\_\_\_\_  
Michael Arcand
- 7) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher T. Chipman

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- 2) \_\_\_\_\_, 2004 \_\_\_\_\_  
Trevor W. MacDougall
- 3) \_\_\_\_\_, 2004 \_\_\_\_\_  
Martin A. Putnam
- 4) \_\_\_\_\_, 2004 \_\_\_\_\_  
Rebecca M. Bryant
- 5) January 9, 2004 \_\_\_\_\_  
Christopher J. Wright
- 6) \_\_\_\_\_, 2004 \_\_\_\_\_  
Michael Arcand
- 7) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher T. Chipman



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Mark R. Fernald
- 2) \_\_\_\_\_, 2004 \_\_\_\_\_  
Trevor W. MacDougall
- 3) \_\_\_\_\_, 2004 \_\_\_\_\_  
Martin A. Putnam
- 4) \_\_\_\_\_, 2004 \_\_\_\_\_  
Rebecca M. Bryant
- 5) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher J. Wright
- 6) 1/14/ \_\_\_\_\_, 2004 Michael Arcand  
Michael Arcand
- 7) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher T. Chipman

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IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) \_\_\_\_\_, 2004 \_\_\_\_\_  
Mark R. Fernald

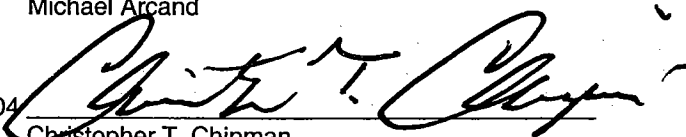
2) \_\_\_\_\_, 2004 \_\_\_\_\_  
Trevor W. MacDougall

3) \_\_\_\_\_, 2004 \_\_\_\_\_  
Martin A. Putnam

4) \_\_\_\_\_, 2004 \_\_\_\_\_  
Rebecca M. Bryant

5) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher J. Wright

6) \_\_\_\_\_, 2004 \_\_\_\_\_  
Michael Arcand

7) 1/12, 2004   
Christopher T. Chipman

## FACSIMILE COVER SHEET

**DATE:** May 5, 2004  
**FILE NO:** WEAT/0553  
**TO:** Assignment Division  
**FAX NO:** 703-306-5995  
**COMPANY:** USPTO  
**FROM:** William B. Patterson  
**PAGE(S) with cover:** 10  
**ORIGINAL TO FOLLOW?**  YES  NO

### ASSIGNMENT RECORDATION TRANSMITTAL

Attached for filing are an Assignment, a Recordation Cover Sheet, and a copy to charge Deposit Account No. 20-0782/WEAT/0553/WBP

**TITLE:** LARGE DIAMETER OPTICAL WAVEGUIDE SPLICE  
**U.S. SERIAL NO.:** 10/755,708  
**FILING DATE:** January 12, 2004  
**INVENTOR:** Mark R. Fernald  
**EXAMINER:** Unknown  
**GROUP ART UNIT:** 2874  
**CONFIRMATION NO.:** 9757

### CONFIDENTIALITY NOTE

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To : 17033065995
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Start time : May-06 09:28am
End time : May-06 09:31am
Pages sent : 010
Status : OK

Job number : 890 \*\*\* SEND SUCCESSFUL \*\*\*

MOSER
PATTERSON &
SHERIDAN, LLP
ATTORNEYS AT LAW

3040 Post Oak Blvd, Suite 1500
Houston, TX 77056-6582
TEL 713.623.4844
FAX 713.623.4846
WWW.MPSLLP.COM

FACSIMILE COVER SHEET

DATE: May 5, 2004
FILE NO: WEAT/0553
TO: Assignment Division
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COMPANY: USPTO
FROM: William B. Patterson
PAGE(S) with cover: 10
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TITLE: LARGE DIAMETER OPTICAL WAVEGUIDE SPLICE
U.S. SERIAL NO.: 10/755,708
FILING DATE: January 12, 2004
INVENTOR: Mark R. Fernald
EXAMINER: Unknown
GROUP ART UNIT: 2874
CONFIRMATION NO.: 9757

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RECORDATION FORM COVER SHEET

PATENTS ONLY

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

1. Name of conveying party(ies):

Mark R. Fernald  
Trevor W. MacDougall  
Martin A. Putnam  
Rebecca M. Bryant  
Christopher J. Wright  
Michael Arcand  
Christopher T. Chipman

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

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: January 9, 2004; January 8, 2004; January 9, 2004;  
January 13, 2004; January 9, 2004; January 14, 2004  
and January 12, 2004

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

Name: Weatherford/Lamb, Inc.

Internal Address: \_\_\_\_\_

Street Address: 515 Post Oak Blvd.

City: Houston State: TX Zip: 77027

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

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

If this document is being filed together with a new application, the execution date of the application is: January 12, 2004 (Date of Filing)

A. Patent Application No.(s) 10/755,708, filed January 12, 2004

B. Document ID No.

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

Name: William B. Patterson

Internal Address: MOSER, PATTERSON & SHERIDAN, L.L.P.

Street Address: 3040 Post Oak Boulevard, Suite 1500

City: Houston State: TX Zip: 77056

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41)----- \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 20-0782/WEAT/0553/WBP

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.

William B. Patterson, Reg. No. 34,102  
Name of Person Signing

William B. Patterson  
Signature

6 May 2004  
Date

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

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

RECORDATION FORM COVER SHEET  
PATENTS ONLY

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

1. Name of conveying party(ies):

Mark R. Fernald  
Trevor W. MacDougall  
Martin A. Putnam  
Rebecca M. Bryant  
Christopher J. Wright  
Michael Arcand  
Christopher T. Chipman

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Execution Date: January 9, 2004; January 8, 2004; January 9, 2004;  
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and January 12, 2004

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

Name: Weatherford/Lamb, Inc.

Internal Address: \_\_\_\_\_

Street Address: 515 Post Oak Blvd.

City: Houston State: TX Zip: 77027

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

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

If this document is being filed together with a new application, the execution date of the application is: January 12, 2004 (Date of Filing)

A. Patent Application No.(s) 10/755,708, filed January 12, 2004

B. Document ID No.

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

Name: William B. Patterson

Internal Address: MOSER, PATTERSON & SHERIDAN, L.L.P.

Street Address: 3040 Post Oak Boulevard, Suite 1500

City: Houston State: TX Zip: 77056

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \_\_\_\_\_ \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 20-0782/WEAT/0553/WBP

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.

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Name of Person Signing

William B. Patterson  
Signature

6 May 2004  
Date

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

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

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses  
of Inventors:

1)	Mark R. Fernald 35 Tyler Road Enfield, CT 06082	2)	Trevor W. MacDougall 32 Elaine Drive Simsbury, CT 06070
3)	Martin A. Putnam 78 Lancaster Way Cheshire, CT 06410	4)	Rebecca M. Bryant 85 Moseley Terrace Glastonbury, CT 06033
5)	Christopher J. Wright 63275 Eastview Drive Bend, OR 97701	6)	Michael Arcand 35 Isinglass Hill Road Portland, CT 06480
7)	Christopher T. Chipman 88 Cemetery Road Scotland, CT 06264		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

**LARGE DIAMETER OPTICAL WAVEGUIDE SPLICE**

for which application for Letters Patent in the United States was filed on January 12, 2004, under Serial No. 10/755,708; and

WHEREAS, Weatherford/Lamb, Inc., a corporation of the State of Delaware, having a place of business at 515 Post Oak Boulevard, Suite 600, Houston, Texas 77027 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.


2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths,

prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) 4/9/04, 2004   
Mark R. Fernald
- 2) \_\_\_\_\_, 2004 \_\_\_\_\_  
Trevor W. MacDougall
- 3) \_\_\_\_\_, 2004 \_\_\_\_\_  
Martin A. Putnam
- 4) \_\_\_\_\_, 2004 \_\_\_\_\_  
Rebecca M. Bryant
- 5) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher J. Wright
- 6) \_\_\_\_\_, 2004 \_\_\_\_\_  
Michael Arcand
- 7) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher T. Chipman



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IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) \_\_\_\_\_, 2004 \_\_\_\_\_  
Mark R. Fernald
- 2) 1-8-04, 2004 Trevor W. MacDougall  
Trevor W. MacDougall
- 3) \_\_\_\_\_, 2004 \_\_\_\_\_  
Martin A. Putnam
- 4) \_\_\_\_\_, 2004 \_\_\_\_\_  
Rebecca M. Bryant
- 5) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher J. Wright
- 6) \_\_\_\_\_, 2004 \_\_\_\_\_  
Michael Arcand
- 7) \_\_\_\_\_, 2004 \_\_\_\_\_  
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Mark R. Fernald
- 2) \_\_\_\_\_, 2004 \_\_\_\_\_  
Trevor W. MacDougall
- 3) 1-9-04, 2004 *Martin A. Putnam*  
Martin A. Putnam
- 4) \_\_\_\_\_, 2004 \_\_\_\_\_  
Rebecca M. Bryant
- 5) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher J. Wright
- 6) \_\_\_\_\_, 2004 \_\_\_\_\_  
Michael Arcand
- 7) \_\_\_\_\_, 2004 \_\_\_\_\_  
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- 3) \_\_\_\_\_, 2004 \_\_\_\_\_  
Martin A. Putnam
- 4) 13 Jan, 2004 Rebecca S. Bryant  
Rebecca M. Bryant  
S.
- 5) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher J. Wright
- 6) \_\_\_\_\_, 2004 \_\_\_\_\_  
Michael Arcand
- 7) \_\_\_\_\_, 2004 \_\_\_\_\_  
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- 3) \_\_\_\_\_, 2004 \_\_\_\_\_  
Martin A. Putnam
- 4) \_\_\_\_\_, 2004 \_\_\_\_\_  
Rebecca M. Bryant
- 5) January 9, 2004 \_\_\_\_\_  
Christopher J. Wright
- 6) \_\_\_\_\_, 2004 \_\_\_\_\_  
Michael Arcand
- 7) \_\_\_\_\_, 2004 \_\_\_\_\_  
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- 4) \_\_\_\_\_, 2004 \_\_\_\_\_  
Rebecca M. Bryant
- 5) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher J. Wright
- 6) 1/14/ \_\_\_\_\_, 2004 Michael Arcand  
Michael Arcand
- 7) \_\_\_\_\_, 2004 \_\_\_\_\_  
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4) \_\_\_\_\_, 2004 \_\_\_\_\_  
Rebecca M. Bryant

5) \_\_\_\_\_, 2004 \_\_\_\_\_  
Christopher J. Wright

6) \_\_\_\_\_, 2004 \_\_\_\_\_  
Michael Arcand

7) 1/12, 2004   
Christopher T. Chipman