

10/21/99

10-25-1999



Practitioner's Docket No. 594.03-US1

101184730

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments
Commissioner of Patents and Trademarks
Washington, D.C. 20231

ASSIGNMENT (DOCUMENT) COVER SHEET (37 C.F.R. § 3.31)

Attached please find an assignment (document) for recordal.

CERTIFICATION UNDER 37 C.F.R. 1.8(a) and 1.10*

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Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

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Washington, D.C. 20231.

37 C.F.R. 1.8(a)

37 C.F.R. 1.10*

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10/18/99

Kristin L. Jonkman

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"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

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(Assignment (Document) Cover Sheet—page 1 of 4)

01 FC:581

40.00 OP

PATENT
REEL: 010322 FRAME: 0259

**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)
FOR ASSIGNMENT (DOCUMENT) RECORDAL**
(37 C.F.R. § 3.21 and 37 C.F.R. § 3.31(a)(4))

1. This assignment is for the following patent application and/or issued patent:

a. National application: SN: 09/369,037, executed on October 14, 1999

Inventors: Richard J. Pommer, Glen E. Roeters, and Stephen M. Avery
Title: SPUTTERING PROCESS

**TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS
AND TOTAL FEE**

2. A. The total number of applications and/or patents identified in this cover sheet is: **1**.

B. The total fee is (37 C.F.R. § 1.21(h)):

$$1 \times \$40.00 = \$40.00$$

C. Payment of fee is made by the attached check for \$40.00.

Please charge Account 500341 for any fee deficiency or credit to account any overpayment.

NAME OF PARTIES CONVEYING INTEREST
(37 C.F.R. § 3.31(a)(1))

3. The parties conveying interest are:

Richard J. Pommer
Glen E. Roeters
Stephen M. Avery

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST
(37 C.F.R. § 3.31 (a)(2))

4. The rights are being conveyed to:

AlliedSignal, Inc.
101 Columbia Road
Morristown, NJ 07962-1057
U.S.A.

(Assignment (Document) Cover Sheet—page 2 of 4)

**DESCRIPTION OF INTEREST CONVEYED OR
TRANSACTION RECORDED (37 C.F.R. § 3.31(a)(3))**

5. The accompanying document intends to accomplish an assignment.

**NAME AND ADDRESS OF PARTY TO WHOM
CORRESPONDENCE SHOULD BE MAILED (37 C.F.R. § 3.31 (a)(5))**

6. Please address correspondence to:

Name: Curtis Brueske
Address: AlliedSignal, Inc.
101 Columbia Road
P.O. Box 2245
Morristown, NJ 07962-1057
U.S.A.
Telephone No.: 408-921-0333

**DATE ASSIGNMENT (DOCUMENT) EXECUTED
(37 C.F.R. § 3.31(a)(7))**

7. The attached assignment (document) was executed on October 14, 1999.

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

8. The attached document is in the English language.

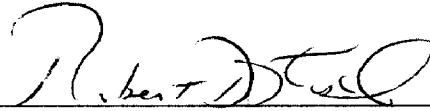
ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

9. Submitted herewith is the original document.

(Assignment (Document) Cover Sheet—page 3 of 4)

**STATEMENT (37 C.F.R. § 3.31(a)(9)) AND
SIGNATURE (37 C.F.R. § 3.31(a)(10))**

10. 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.



Robert D. Fish

Reg. No. 33880
Tel. No.: (714) 449-2337

Crockett & Fish
1440 N. Harbor Blvd.
Suite 706
Fullerton, CA 92835
U.S.A.

TOTAL NUMBER OF PAGES BEING SUBMITTED

11. The total number of pages being submitted, **including documents** are: **2**

(Assignment (Document) Cover Sheet—page 4 of 4)

ASSIGNMENT

Assignment before issue of Letters Patent

Allied File 30-4876 (4010)

WHEREAS, Richard J. Pommer, Glen Roeters and Stephen M. Avery
(hereinafter "Assignor") have invented certain new and useful improvements in

Sputtering Process

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF
THE UNITED STATES, which application has been duly executed by Assignor on
the day(s) and date(s) of these presents.

AND WHEREAS, AlliedSignal Inc., a corporation organized and existing under the laws of the State of Delaware,
U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A.,
hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the
United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS
PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is
hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said
Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial
possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries,
including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and
extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full
benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any
international convention, for the protection of industrial property, together with the right to extend the protection of said
U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the
United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use
and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as
fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.
And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S.
LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the
invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will,
without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and
just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining,
sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said
invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in
cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of OCTOBER, 19 99

Richard J. Pommer

Richard J. Pommer

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of October, 19 99

Glen Roeters

Glen C. Roeters

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of October, 19 99

Stephen M. Avery

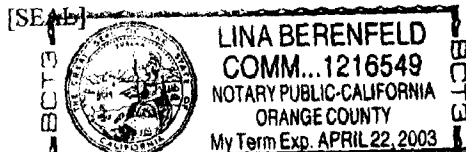
Stephen M. Avery

STATE OF California)
COUNTY OF Orange) SS.:

On this 14th day of October 19 99 before me personally appeared

Richard J. Pommer

to me known and known to me to be the individual described in and who executed the foregoing instrument,
and he / she / they acknowledged to me that he / she / they executed the same.



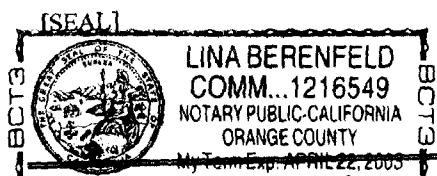
Lina Berenfeld
Notary Public
My commission expires: April 22, 2003

STATE OF California)
COUNTY OF Orange) SS.:

On this 14th day of October 19 99 before me personally appeared

Glen Roeters

to me known and known to me to be the individual described in and who executed the foregoing instrument,
and he / she / they acknowledged to me that he / she / they executed the same.



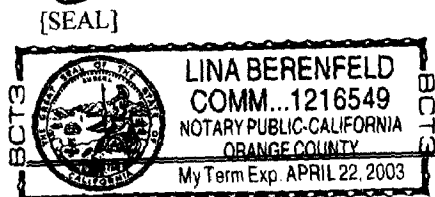
Lina Berenfeld
Notary Public
My commission expires: April 22, 2003

STATE OF California)
COUNTY OF Orange) SS.:

On this 14th day of October , 19 99 before me personally appeared

Stephen M. Avery

to me known and known to me to be the individual described in and who executed the foregoing instrument,
and he / she / they acknowledged to me that he / she / they executed the same.



Lina Berenfeld
Notary Public
My commission expires: April 22, 2003

Assignment

TO
ALLIEDSIGNAL INC.
INVENTION: Sputtering Process

RECORDED: 10/21/1999

Allied File: 30-4876 (4010)

AlliedSignal Inc.

PATENT
| REEL: 010322 FRAME: 0265