

9/29/03

10-01-2003

Form PTO-1595  
(Rev. 10/02)

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

OMB No. 0651-0027 (exp. 6/30/2005)

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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):

R &amp; D Separations, Inc.

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

Name: J&amp;W Scientific Incorporated

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

Street Address: 91 Blue Ravine Road

City: Folsom State: CA Zip: 95630

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

## 3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other \_\_\_\_\_

Execution Date: 17 July 2002

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)

B. Patent No.(s) 5,645,720

Additional numbers attached? ☐ Yes ☒ No

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

Records Manager

Name: \_\_\_\_\_

Internal Address: AGILENT TECHNOLOGIES, INC.

Street Address: 40 Shattuck Road

City: Andover State: MA Zip: 01810

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

50-1078

(Attach duplicate copy of this page if paying by deposit account)

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.

Ronald C. Hudgens

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 6

10/01/2003 EDSUPER 00000109 501078 5645720

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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231PATENT  
REEL: 014532 FRAME: 0117

**CERTIFICATE OF OWNERSHIP AND MERGER  
MERGING R&D SEPARATIONS, INC., INTO  
J & W SCIENTIFIC INCORPORATED**

JOHN FRANK and THELMA BRATLIEN, the President and Secretary, respectively, of J & W SCIENTIFIC INCORPORATED, a Delaware corporation (the "Corporation"), hereby certify that:

(a) The Corporation owns all the outstanding shares of stock of R&D SEPARATIONS, INC., a California corporation ("R&D Inc.).

(b) At a duly held meeting of the board of directors of the Corporation, the following resolution was approved and adopted by a majority of its board of directors to merge R&D Inc. with and into the Corporation:

"WHEREAS the Corporation owns all of the issued and outstanding shares of R&D SEPARATIONS, INC., a California corporation ("R&D Inc."), such that R&D Inc. constitutes a wholly-owned subsidiary of the Corporation,

WHEREAS it is considered to be in the best interests of the Corporation to provide for the statutory merger of R&D Inc. with and into the Corporation (the "Merger");

WHEREAS in the Merger (i) the Corporation shall succeed to all of the business, powers, privileges, and rights of R&D Inc. and (ii) the Corporation shall be subject to all the debts and liabilities of R&D Inc., including, but not limited to, the assumption of all California tax liabilities;

NOW, THEREFORE, BE IT RESOLVED, that the Merger be and it hereby is approved, and the officers of the Corporation, subject to the direction of the President, be and they hereby are authorized to proceed to consummate the Merger, including, without limitation, the preparation, execution and filing of a certificate of ownership with the Secretaries of State of California and Delaware.

RESOLVED FURTHER that the officers of the Corporation, subject to the direction of the President, be and they hereby are authorized to execute, acknowledge, verify, deliver and file such other documents and take such other actions as may be necessary or appropriate in order to carry out and perform the Merger and the transactions contemplated thereby."

(c) At a meeting of the board of directors held on February 2, 1999, at 535 Madison Avenue, New York, New York, such resolution was approved and adopted by the vote of 3 directors, the authorized and elected number of directors on the board being 3, all of whom were present and voting at such meeting.

DATE: 4/20/99

  
JOHN FRANK, President

  
THELMA BRATLIEN, Secretary



STATE OF CALIFORNIA  
FRANCHISE TAX BOARD  
PO BOX 1468  
SACRAMENTO CA 95812-1468

## TAX CLEARANCE CERTIFICATE

EXPIRATION DATE: January 14, 2000

November 17, 1999

ERVIN COHEN & JESSUP  
SETH HUBERMAN  
9401 WILSHIRE BLVD STE 500  
BEVERLY HILLS CA 90212-2922

ISSUED TO : R & D SEPARATIONS, INC.  
ENTITY ID : 1086986

This is to certify that all taxes imposed under the Bank and Corporation Tax Law on this corporation have been paid, assumed, or are secured by other means.

If a final return has not been filed, one should be filed within two months and 15 days after the close of the month in which the dissolution or withdrawal takes place. If the corporation was inactive, a statement to that effect should be attached to the tax forms. All returns remain subject to audit until the expiration of the normal statutory period. Failure to file required returns may result in additional assessments.

A copy of this Tax Clearance Certificate has been sent to the Office of the Secretary of State. This original Tax Clearance Certificate may be retained in the files of the corporation.

By the Expiration Date noted above, this corporation must have filed the documents required by the Secretary of State to dissolve, withdraw or merge. Requests for the appropriate documents must be directed to: Office of the Secretary of State at 1500 11th Street, 3rd Floor, Sacramento CA. 95814, or by telephone, (916) 657-5448.

NOTE: If the required documents are not filed with the Secretary of State prior to the Expiration Date noted above, the corporation will remain subject to the filing requirements of the Bank and Corporation Tax Law.

By H. Hermansen  
Tax Clearance Unit  
Special Audit Section  
Telephone (916) 845-4124

COPY

PATENT  
REEL: 014532 FRAME: 0120

FILED

In the office of the Secretary of State  
of the State of California

NOV 22 1999 *me*

*Bill Jones*  
BILL JONES, Secretary of State

1086986 out  
State of Delaware

00607554

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**Office of the Secretary of State**

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF  
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT  
COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"R&D SEPARATIONS, INC.", A CALIFORNIA CORPORATION,  
WITH AND INTO "J&W SCIENTIFIC INCORPORATED" UNDER THE NAME  
OF "J&W SCIENTIFIC INCORPORATED", A CORPORATION ORGANIZED AND  
EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED  
AND FILED IN THIS OFFICE THE TWENTY-SEVENTH DAY OF APRIL, A.D.  
1999, AT 9 O'CLOCK A.M.

2544180 8100M

991494565



*Edward J. Freel*  
Edward J. Freel, Secretary of State

AUTHENTICATION: 0092062

DATE: 11-18-99

PATENT  
REEL: 014532 FRAME: 0121

# State of California

## SECRETARY OF STATE CERTIFICATE OF FILING

I, BILL JONES, Secretary of State of the State of California, hereby certify:

That on the **22nd day of November, 1999**, there was filed in this office a(n)  
**CERTIFICATE OF OWNERSHIP AND MERGER** merging **R & D  
SEPARATIONS, INC.**, a California corporation, into **J & W SCIENTIFIC  
INCORPORATED**, a(n) **Delaware** corporation.

Further, that according to our records said merged California corporation has  
ceased to exist as a separate corporate entity.



IN WITNESS WHEREOF, I execute this  
certificate and affix the Great Seal  
of the State of California this day  
of July 17, 2002.

*Bill Jones*  
BILL JONES  
Secretary of State

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