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05-10-2001

FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

(Rev. 6-93)



OMB No. 0651-0011 (exp. 4/94)

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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):

MIDREX DIRECT REDUCTION CORPORATION

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: March 15, 2001

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

MIDREX TECHNOLOGIES, INC.
2725 Water Ridge Parkway, Suite 100
Charlotte, North Carolina 28217

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

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

A. Patent Application No.(s)

09/426,973 filed 10/29/99 (Docket 2527)
09/456,111 filed 12/07/99 (Docket 2824)

B. Patent No.(s)

5,529,291 issued 06/25/96 (Docket 1763)
5,647,887 issued 07/15/97 (Docket 1771)
5,674,308 issued 10/07/97 (Docket 1798)
5,730,775 issued 03/24/98 (Docket 1689)
5,885,521 issued 03/23/99 (Docket 2153)
5,997,596 issued 12/07/99 (Docket 2693)

Additional numbers attached? Yes No

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

RALPH H. DOUGHERTY
DOUGHERTY & CLEMENTS LLP
6230 Fairview Road, Suite 400
Charlotte, North Carolina 28210

6. Total number of applications and patents involved: 8

7. Total fee (37 CFR 3.41)..... \$ 320.00

Credit Card Payment Form Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

(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.

Ralph H. Dougherty
Name of Person Signing

Signature

04-20-01
Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

PATENT
REEL: 011763 FRAME: 0818

State of Delaware
Office of the Secretary of State PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "MIDREX DIRECT REDUCTION CORPORATION", CHANGING ITS NAME FROM "MIDREX DIRECT REDUCTION CORPORATION" TO "MIDREX TECHNOLOGIES, INC.", FILED IN THIS OFFICE ON THE FIFTEENTH DAY OF MARCH, A.D. 2001, AT 3 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

2307980 8100

010129304

AUTHENTICATION: 1026234

DATE: 03-15-01

PATENT
REEL: 011763 FRAME: 0819

MAR 15 '01 02:04PM ROB. BRAD. HIN.

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**CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
MIDREX DIRECT REDUCTION CORPORATION**

Midrex Direct Reduction Corporation, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Corporation"), does hereby certify:

FIRST: That the Board of Directors of the Corporation, by unanimous written consent, adopted a resolution proposing to the stockholder and declaring advisable the following amendment to the Certificate of Incorporation of the Corporation:

RESOLVED, that the Corporation hereby elects to change its name to Midrex Technologies, Inc.

SECOND: That in lieu of a meeting and vote of stockholder, the stockholder has given written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware,

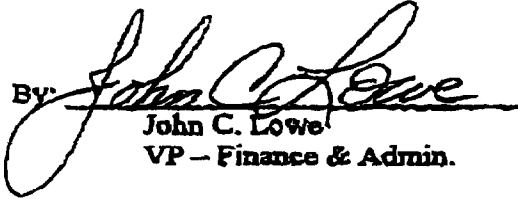
THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 03:00 PM 03/15/2001
010129304 - 2307980

MAR 15 '01 02:04PM ROB. BRAD. MTN.

P.4/4

IN WITNESS WHEREOF, the Corporation has caused this certificate to be
executed this 15th day of March, 2001

By: 
John C. Lowe
VP - Finance & Admin.