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09-15-2003

Atty Ref/Docket No.: 1074.030US1

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks, Patent and Trademark Office, Washington, D.C. 20540-0001  
102550580  
ed original documents or copy thereof.1. Name of conveying party(ies):  
Robert Jackson Bair, Jr., Ellen M. Heath, Heather Meehan, Kim Elayne Paulsen and John M. Wages, Jr.

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

Name: Gentra Systems, Inc.

Street Address: 13355 10th Ave. North

Suite 120

City: Minneapolis State: MN Zip: 55441

Additional name(s) &amp; address(es) attached? [ ] Yes [X] No

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ OtherExecution Date: August 4, 2003, August 8, 2003, July 28, 2003, July 30, 2003, August 27, 2003

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)

Serial No. 10/418194, filed April 16, 2003

Additional numbers attached? [ ] Yes [X] No

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

Name: Ann S. Viksnins

Address:

Schwegman, Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 554026. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account8. Please charge any additional fees or credit any over payments to our Deposit account number: 19-0743

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.

Ann S. Viksnins/Reg. No. 37,748  
Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 7

09/12/2003 ECOOPER 00000013 10418194

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Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450PATENT  
REEL: 014476 FRAME: 0324

**ASSIGNMENT**

WHEREAS, We, Robert Jackson Bair, Jr., residing at 425 Magnolia Lane North, Plymouth, MN 55441, and Ellen M. Heath, residing at 120 Rams Horn Mtn. Ct., Livermore, CO 80536-9387, and Heather Meehan, residing at 3756 153rd Avenue NE, Ham Lake, MN 55304, and Kim Elayne Paulsen, residing at 9425 Evergreen Avenue North, Brooklyn Park, MN 55443, and John M. Wages, Jr., residing at 148 County Road 199, Tupelo, MS 38801, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on April 16, 2003, which application was assigned U.S. patent application serial number 10/418194, and is entitled COMPOSITIONS AND METHODS FOR USING A SOLID SUPPORT TO PURIFY RNA:

AND WHEREAS, Gentra Systems, Inc., a corporation organized and existing under and by virtue of the laws of the State of , and having an office and place of business at 13355 10th Ave. North, Suite 120, Minneapolis, MN 55441 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

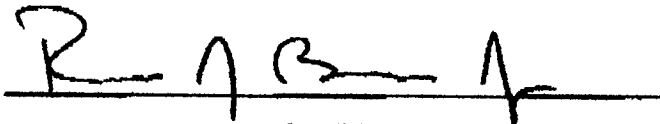
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of August, 2003.




Robert J. Bair, Jr.

STATE OF Minnesota

COUNTY OF Thurston

On this 4th day of August, 2003 before me personally appeared Robert J. Bair, known to me and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



  
Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 8<sup>th</sup> day of  
August, 2003.

Ellen M. Heath

Ellen M. Heath

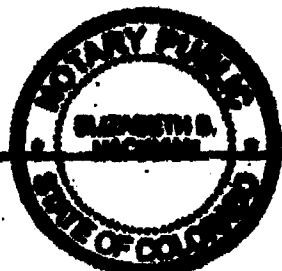
STATE OF COLORADO)

)ss

COUNTY OF LARIMER)

On this 8<sup>th</sup> day of AUGUST, 2003 before me personally appeared Ellen M. Heath, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



My Commission Expires May 10, 2006

Elizabeth B. Harkman  
Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 28<sup>th</sup> day of

July, 2003.

Heather Meehan

Heather Meehan

STATE OF Minnesota

COUNTY OF Hennepin

On this 28<sup>th</sup> day of July, 2003 before me personally appeared Heather Meehan, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



E. Roberts

Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of

July, 2003.

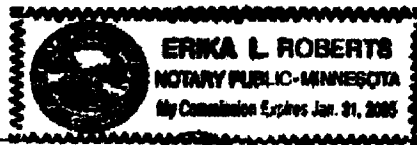
Kim E. Paulsen

Kim E. Paulsen

STATE OF Minnesota )  
 )ss  
COUNTY OF Hennepin )

On this 30th day of July, 2003 before me personally appeared Kim E. Paulsen, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



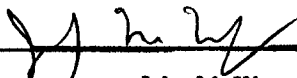
Notary Public

E. Roberts

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 27 day of

August, 2003.



John M. Wages, Jr.

STATE OF MS )

)ss

COUNTY OF Lee )

On this 27 day of August, 2003 before me personally appeared John M. Wages, Jr. to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

My Commission Expires March 10, 2008

[SEAL]



Notary Public