

MRO 2/16/99  
Assistant Commissioner for Patents:



100966224

SHEET

original document.

1. Name of conveying party(ies):  
**Stromagene Corporation  
Gene Therapy Sciences, Inc.**

2. Name and address of receiving party(ies):  
**Centeon L.L.C.  
1020 First Avenue  
King of Prussia, PA 19406**

Additional name(s) attached?  Yes  No

Additional names/addresses attached?  Yes  No

3. Nature of conveyance:  
 Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other:

Execution Date: **Gene Therapy Sciences, Inc. -  
December 31, 1998; Stromagene Corporation -  
January 5, 1999; Centeon L.L.C - January 21,  
1999 and January 28, 1999**

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

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):  
**08/408,536  
08/914,631**

B. Patent No.(s):  
**5,849,287**

Additional numbers attached?  Yes  No

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

**J. Peter Fasse  
Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804**

6. Total number of applications/patents involved: **2**

7. Total fee (37 CFR 3.41): **\$80**  
 Enclosed  
 Authorized to charge deposit account

8. Deposit account number: **06-1050**  
If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

02/18/1999 SBURNS 00000083 08408536  
01 FC:581 00.00 OP

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 the attached is a true copy of the original document.*

**J. Peter Fasse**  
Name of Person Signing

J. Peter Fasse  
Signature

2/11/99  
Date

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

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Date of Deposit 2-11-99  
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

MAR. 26 1999

## ASSIGNMENT

WHEREAS, Stromagene Corporation, a corporation of the state of Massachusetts, having a place of business at 79 Chestnut Road, Sewickley, PA 15143 ("ASSIGNOR"), and, Gene Therapy Sciences, Inc., a corporation of the state of Massachusetts, having a place of business at 9 Aylesbury Road, Worcester, MA 01609 ("ASSIGNOR") are the owners of the entire right, title and interest in and to United States patent application serial number 08/408,536 entitled GENE THERAPY USING STROMAL CELLS, filed March 22, 1995, and United States patent application serial number 08/914,631 entitled GENE THERAPY USING STROMAL CELLS, filed August 19, 1997, hereinafter referred to as PATENT APPLICATIONS.

WHEREAS, Centeon L.L.C., a corporation of the state of Delaware, having a place of business at 1020 First Avenue, King of Prussia, PA 19406 ("ASSIGNEE"), is desirous of obtaining a 51% divided interest of the entire right, title and interest in and to the PATENT APPLICATIONS subject to licenses previously granted thereunder; this assignment including the PATENT APPLICATIONS, any and all United States and foreign patents, including continuation and continuation-in-part applications, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes;

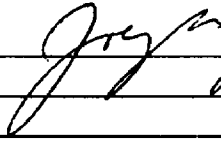
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable considerations paid by ASSIGNEE to ASSIGNORS, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign and transfer to

ASSIGNEE, its successors and assignees, a 51 percent divided interest of the entire right, title and interest in and to the PATENT APPLICATIONS, including the right to sue for past infringement thereof.

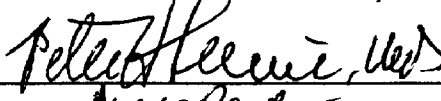
ASSIGNORS agree for themselves and their successors, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further application, assignment, Preliminary Statements and other lawful documents as the ASSIGNEE may reasonably request to effectuate fully this assignment.

IN TESTIMONY WHEREOF, ASSIGNORS have caused this Assignment to be executed by its duly authorized officers.

STROMAGENE CORPORATION

By   
Title President  
Date 1/7/99

GENE THERAPY SCIENCES, INC.

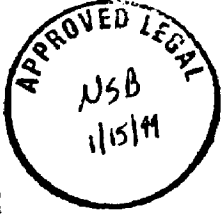
By   
Title President  
Date 12-31-98

ASSIGNEE hereby acknowledges receipt of the entire right, title and interest in

and to the PATENT APPLICATION.

CENTEON L.L.C.

By Joel Feldman  
Title Vice President, R&D & Chief Scientist  
Date January 21, 1999



CENTEON L.L.C.

By [Signature]  
Title Vice President, Controller  
Date 1/28/99

ACKNOWLEDGEMENTS

ASSIGNOR

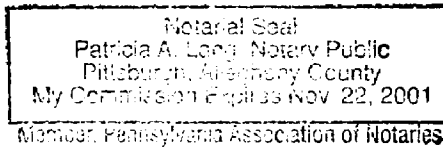
State of Pennsylvania )  
County of Allegheny )

ss

On this 6th day of January, 1999, before me personally came Joel S. Greenberger, to me known, who, being duly sworn, deposes and says that he is the President of STROMAGENE CORPORATION, the corporation described in, and which executed the foregoing instrument; and that he has proper authority to execute the foregoing instrument on behalf of the corporation.

Patricia A. Long  
Notary Public  
My Commission Expires 11-22-01

[Notary's Seal]



ACKNOWLEDGEMENTS

ASSIGNOR

State of Mass )  
County of Worcester )

SS

On this 31<sup>st</sup> day of December, 1998, before me personally came Peter H. Levine, to me known, who, being duly sworn, deposes and says that he is the President of GENE THERAPY SCIENCES, INC., the corporation described in, and which executed the foregoing instrument; and that he has proper authority to execute the foregoing instrument on behalf of the corporation.

[Signature]  
Notary Public  
My Commission Expires 4/26/2002

[Notary's Seal]

ACKNOWLEDGEMENTS

ASSIGNEE

Commonwealth  
~~State of~~ Pennsylvania )  
County of Montgomery )

SS

On this 21<sup>st</sup> day of January, 1999, before me personally came Fred Feldman, to me known, who, being duly sworn, deposes and says that he is the V.P. of R&D (Chief Scientist) of CENTEON L.L.C., the corporation described in, and which executed the foregoing instrument; and that he has proper authority to execute the foregoing instrument on behalf of the corporation.

[Signature]  
Notary Public  
My Commission Expires

[Notary's Seal]

Notarial Seal  
Mary D. Bertolino, Notary Public  
Upper Merion Twp., Montgomery County  
My Commission Expires Mar. 4, 2002

ACKNOWLEDGEMENTS

Commonwealth  
State of Pennsylvania )  
County of Montgomery )

ASSIGNEE

ss

On this 28<sup>th</sup> day of January, 19 99, before me personally  
came Kendal Forde, to me known, who, being duly sworn, deposes and says that he is the  
Vice Pres. Controller of CENTEON L.L.C., the corporation described in, and which executed  
the foregoing instrument; and that he has proper authority to execute the foregoing instrument  
on behalf of the corporation.

Mary D. Bertolino

Notary Public

My Commission Expires

[Notary's Seal]

Notarial Seal  
Mary D. Bertolino, Notary Public  
Upper Merion Twp., Montgomery County  
My Commission Expires Mar. 4, 2002

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