

Atty Docket No.: 3713-
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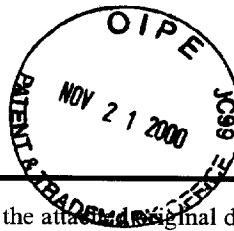
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Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 11-21-00

Robert TEOULE, André ROGET and Thierry LIVACHE

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

Name: CIS BIO INTERNATIONAL

Address: R.N. 306
91400 Saclay, FRANCE

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: November 9, 4, 4, 1998

Additional name(s) and 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: N/A

A. Patent Application No.(s)

09/147,198

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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



22850

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 15-0030

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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.

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Name of Person Signing

Registration Number: 24,618

Joseph A. Scafetta Jr.
Signature

Joseph A. Scafetta, Jr.
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Total number of pages including this cover sheet: 3

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PATENT
REEL: 011293 FRAME: 0595

Assignment Of Application

Page 1 of 2

WHEREAS, I (WE) _____

- TEOULE Robert , 52 rue Thiers, 38000 GRENOBLE, FRANCE

- ROGET André, 15 rue Constantine, 38120 SAINT EGREVE, FRANCE

- LIVACHE Thierry, 18 Les Simianes, 38560 HAUTE JARRIE, FRANCE

of _____,

_____, respectively,

have invented certain new and useful improvements in: NUCLEOSIDE DERIVATIVES AND

THEIR USE IN OLIGONUCLEOTIDE SYNTHESIS

for which an application for Letters Patent was executed on _____, and

Application No. 09/147,198 Filing Date December 3, 1998

WHEREAS, CIS BIO INTERNATIONAL

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

R.N. 306 91400 SACLAY FRANCE

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and 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 by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Fisher, Spivak, McClelland & Maier, P.C. of 1755 S. Jefferson Davis Highway, Crystal Square, Arlington, Virginia 22202 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

EXECUTED AT: PARIS (FRANCE)

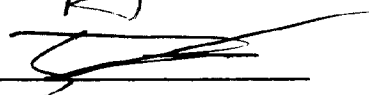
Date: 9 March 1998

TEOULE Robert
(Signature of Inventor)



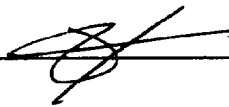
Date: 4 Novembre 1998

ROGET André
(Signature of Inventor)



Date: 4 Novembre 1998

LIVACHE Thierry
(Signature of Inventor)



Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, FISHER, SPIVAK, McCLELLAND & MAIER, P.C.

PATENT & TRADEMARK ATTORNEYS
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