
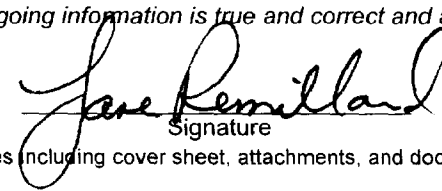


FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)		REC 12-30-1999  101234721	ET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab settings ⇌⇌⇌▽ ▽		▽ ▽	
To the Honorable Commissioner of Pate		attached original documents or copy thereof.	
1. Name of conveying party(ies): Charles R. Ill, executed on February 12, 1999 Jose E. N. Gonzales, executed on February 12, 1999 Claire Q. Yang, executed on February 12, 1999 Scott Bidlingmaier, executed on February 8, 1999 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>The Immune Response Corporation</u> Internal Address: _____ _____ Street Address: <u>5935 Darwin Court</u> _____ City: <u>Carlsbad</u> State: <u>CA</u> ZIP: <u>92008</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>SEE NO. 1 ABOVE</u>	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) <u>09/205,817 filed December 4, 1998</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Giulio A. DeConti, Jr.</u> Internal Address: <u>Lahive & Cockfield, LLP</u> _____ Street Address: <u>28 State Street</u> _____ City: <u>Boston</u> State: <u>MA</u> ZIP: <u>02109</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ <u>40</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>12-0080</u>		
DO NOT USE THIS SPACE			
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>Jane E. Remillard</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> <u>12/21/99</u> Date </div> </div> <div style="text-align: center; margin-top: 10px;"> Total number of pages (including cover sheet, attachments, and document): 9 </div>			

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

COPY

ASSIGNMENT

We, Charles R. Ill of Encinitas, CA; Jose E. N. Gonzales of San Diego, CA; Claire Q. Yang of Carlsbad, CA; and Scott Biddlingmaier of New Haven, CT, in consideration of One Dollar and other valuable consideration paid to us by

THE IMMUNE RESPONSE CORPORATION

a corporation of California, having its principal place of business at 5935 Darwin Court, Carlsbad, CA 92008, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

THE IMMUNE RESPONSE CORPORATION

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

NOVEL VECTORS AND GENES EXHIBITING INCREASED EXPRESSION

described in an application

_____ executed by us of even date herewith and about to be filed

X Serial No. 09/205,817, filed on December 4, 1998

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this _____ day of _____, 1999.

By: _____
Charles R. Ill

State of California)
)ss
County of)

Then personally appeared the above named Charles R. Ill and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 1999.

Notary Public
My commission expires: _____

PATENT
REEL: 9788 FRAME: 0526

PATENT
REEL: 010457 FRAME: 0053

WITNESS my hand and seal this 12 day of February, 1999.

By: Jose E. N. Gonzales

Jose E. N. Gonzales

State of California)

)ss

County of)

Then personally appeared the above named Jose E. N. Gonzales and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 1999.

See Attached

Notary Public

My commission expires: _____

WITNESS my hand and seal this 12 day of February, 1999.

By: Claire Q. Yang

Claire Q. Yang

State of California)

)ss

County of)

Then personally appeared the above named Claire Q. Yang and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 1999.

See Attached

Notary Public

My commission expires: _____

-2-

PATENT
REEL: 9788 FRAME: 0527

PATENT
REEL: 010457 FRAME: 0054

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

No. 9607

State of California

County of San Diego

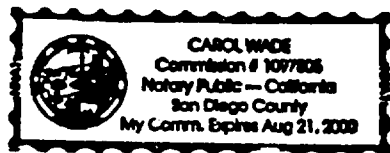
On February 12, 1999 before me, Carol Wade, Notary Public

DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Claire Q. Yang & Jose E.N. Gonzales

NAME(S) OF SIGNER(S)

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Carol Wade
SIGNATURE OF NOTARY

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

- ☒ INDIVIDUAL
☐ CORPORATE OFFICER
- TITLE(S) _____
- ☐ PARTNER(S) ☐ LIMITED
☐ GENERAL
- ☐ ATTORNEY-IN-FACT
☐ TRUSTEE(S)
☐ GUARDIAN/CONSERVATOR
☐ OTHER: _____

SIGNER IS REPRESENTING:

NAME OF PERSON(S) OR ENTITY(ES)

Self

DESCRIPTION OF ATTACHED DOCUMENT

Patent Assignment
TITLE OR TYPE OF DOCUMENT

Three
NUMBER OF PAGES

February 12, 1999
DATE OF DOCUMENT

Charles R. III
SIGNER(S) OTHER THAN NAMED ABOVE

©1993 NATIONAL NOTARY ASSOCIATION • 8236 Remmet Ave., P.O. Box 7184 • Canoga Park, CA 91309-7184

PATENT
REEL: 9788 FRAME: 0528

PATENT
REEL: 010457 FRAME: 0055

ASSIGNMENT

We, Charles R. Ill of Encinitas, CA; Jose E. N. Gonzales of San Diego, CA; Claire Q. Yang of Carlsbad, CA; and Scott Bidlingmaier of New Haven, CT, in consideration of One Dollar and other valuable consideration paid to us by

THE IMMUNE RESPONSE CORPORATION

a corporation of California, having its principal place of business at 5935 Darwin Court, Carlsbad, CA 92008, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

THE IMMUNE RESPONSE CORPORATION

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

NOVEL VECTORS AND GENES EXHIBITING INCREASED EXPRESSION

described in an application

____ executed by us of even date herewith and about to be filed

X Serial No. 09/205,817, filed on December 4, 1998

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this _____ day of _____, 1999.

By: _____
Charles R. Ill

State of California)
)ss
County of)

Then personally appeared the above named Charles R. Ill and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 1999.

Notary Public
My commission expires: _____

PATENT
REEL: 9788 FRAME: 0529

PATENT
REEL: 010457 FRAME: 0056

WITNESS my hand and seal this _____ day of _____, 1999.

By: _____
Jose E. N. Gonzales

State of California)
)ss
County of)

Then personally appeared the above named Jose E. N. Gonzales and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 1999.

Notary Public

My commission expires: _____

WITNESS my hand and seal this _____ day of _____, 1999.

By: _____
Claire Q. Yang

State of California)
)ss
County of)

Then personally appeared the above named Claire Q. Yang and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 1999.

Notary Public

My commission expires: _____

WITNESS my hand and seal this 8th day of February, 1999.

By: Scott Bidlingmaier
Scott Bidlingmaier

State of Connecticut)
)ss
County of New Haven)

Then personally appeared the above named Scott Bidlingmaier and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 8th day of February, 1999.

Shene B. Papa
Notary Public

My commission expires: 8-31-2002

ASSIGNMENT

We, Charles R. III of Encinitas, CA; Jose E. N. Gonzales of San Diego, CA; Claire Q. Yang of Carlsbad, CA; and Scott Bidlingmaier of New Haven, CT, in consideration of One Dollar and other valuable consideration paid to us by

THE IMMUNE RESPONSE CORPORATION

a corporation of California, having its principal place of business at 5935 Darwin Court, Carlsbad, CA 92008, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

THE IMMUNE RESPONSE CORPORATION

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

NOVEL VECTORS AND GENES EXHIBITING INCREASED EXPRESSION

described in an application

____ executed by us of even date herewith and about to be filed

X Serial No. 09/205,817, filed on December 4, 1998

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 12 day of February, 1999.

By: Charles R. III
Charles R. III

State of California)
)ss
County of)

Then personally appeared the above named Charles R. III and acknowledged the foregoing instrument to be his/her free act and deed, before me, this ____ day of _____, 1999.

*See
Attached*

Notary Public
My commission expires: _____

PATENT
REEL: 9788 FRAME: 0532

PATENT
REEL: 010457 FRAME: 0059

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

No. 9907

State of California
County of San Diego

On February 12, 1999 before me, Carol Wade, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Charles R. III
NAME(S) OF SIGNER(S)

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Carol Wade
SIGNATURE OF NOTARY

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

- ☒ INDIVIDUAL
☐ CORPORATE OFFICER
TITLE(S)
☐ PARTNER(S) ☐ LIMITED
☐ GENERAL
☐ ATTORNEY-IN-FACT
☐ TRUSTEE(S)
☐ GUARDIAN/CONSERVATOR
☐ OTHER: _____

DESCRIPTION OF ATTACHED DOCUMENT

Patent Assignment
TITLE OR TYPE OF DOCUMENT

Three
NUMBER OF PAGES

February 12, 1999
DATE OF DOCUMENT

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(ES)

Self

Claire Q. Yang & Jose E.N. Gonzales
SIGNER(S) OTHER THAN NAMED ABOVE

©1993 NATIONAL NOTARY ASSOCIATION • 8236 Remmet Ave., P.O. Box 7184 • Canoga Park, CA 91309-7184

RECORDED: 03/01/1999

PATENT
REEL: 9788 FRAME: 0533

PATENT
REEL: 010457 FRAME: 0060

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Charles R. Ill et al.

Attorney Docket No.: TTI-180

Serial No.: 09/205,817

Filed: December 4, 1998

Group Art Unit: 1616

Title: VECTORS AND GENES EXHIBITING INCREASED
EXPRESSION



U.S. Patent and Trademark Office
Assignment Division
BOX ASSIGNMENTS, CG-4
1213 Jefferson Davis Hwy, Suite 320
Washington, D.C. 20231

Attn: Assignment Division

**REQUEST FOR CORRECTION OF NOTICE OF
RECORDATION OF ASSIGNMENT DOCUMENT**

Dear Sir:

The Corrected Notice of Recordation of Assignment Document received by Applicants' attorney from the U.S. Patent and Trademark Office (mailed on November 1, 1999) for the Assignment in the above-identified patent application incorrectly spells the name of the Assignee as "Immune Resonse Corporation, The" instead of "Immune Response Corporation, The". Also, the middle initial "N" in one of the assignor's name is omitted. The complete name of the assignor should read "JOSE E. N. GONZALES". A copy of the Notice of Recordation of Assignment document with the changes noted thereon is submitted herewith.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: U.S. Patent and Trademark office, Assignment Division, BOX ASSIGNMENT, CG-4, 1213 Jefferson Davis Hwy, Suite 320, Washington, D.C. 20231:

December 21, 1999

Date

Jane E. Remillard, Esq., Reg. No. 38,872

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Jane E. Remillard, Esq.
Reg. No. 38,872