

08-13-2001

PATENTS ONLY

TO THE



Our File No. 9281-4149

PATENTS

101808723

Please record the attached original document or copy thereof.

1. Names of Parties conveying an interest:

Takayuki Ito  
Tsuyoshi Narusawa

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and Address of Party receiving an interest:

Name: ALPS Electric Co., Ltd.  
Internal Address:  
Street Address: 1-7 Yukigaya, Otsuka-cho  
City: Ota-ku, Tokyo  
State/Zip: Japan

Additional name(s) and addresses attached?

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment☐ Change of Name

Other:

☐ Security Agreement☐ Merger

Execution Date: July 17, 2001

Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No

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

July 17, 2001

Date

Patent Application No.(s)

Patent No.(s)

09/919744

Additional numbers attached? ☐ Yes ☒ No

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

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312)321-4200

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40

☒ Enclosed☐ Authorized to be charged to Deposit Account No. 23-19258. ☒ Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

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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.

Gustavo Siller, Jr., 32,305  
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

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PATENT  
REEL: 012054 FRAME: 0352

ASSIGNMENT  
(BY INVENTOR(S))

This assignment ("Assignment") is made by MAKOTO ASAKAWA, of 319 Shionogi-Kanzakigawa-Ryo, 2-1, Futaba-cho 3-chome, Toyonaka-shi, Osaka 561-0825 JAPAN, and MAMORU HASEGAWA, of c/o DNAVEC Research Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 JAPAN (collectively, the "Assignors") to DNAVEC RESEARCH INC., a Japanese corporation ("Assignee"), having a place of business at 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 JAPAN.

Recitals

A. Each of the Assignors has invented a new and useful invention entitled **RNA VIRUS VECTOR WITH CONTACT INFILTRATION CAPABILITY** for which an application for United States Letters Patent was filed on February 8, 2001 in the United States Patent and Trademark Office.

B. Each of the Assignors authorizes and requests insertion of the serial number of the application when officially known:

The United States Application Serial No. 09/762,641.

C. Each of the Assignors believes the Assignors to be the original, first and joint inventors of the invention disclosed and/or claimed in the application for Letters Patent.

D. The parties desire to have a recordable instrument assigning from the Assignors to the Assignee the entire rights, title and interest in and to the invention, the application and all Letters Patent in the United States and throughout the world that may be granted or issued for the invention or that derive a right of priority from the application

(including, without limitation, all divisional, continuation, continuation-in-part and continued prosecution applications thereof, and all reissues and reexaminations thereof, and all foreign counterparts thereof) (collectively, the "Invention Patents").

Agreement

NOW, THEREFORE, in accordance with the obligations to assign the Invention Patents and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each of the Assignors agrees to the foregoing and as follows:

1. Each of the Assignors does and will sell, assign and transfer to Assignee, such Assignor's entire rights, title, and interest in and to each of the Invention Patents, including, without limitation, the rights to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

2. Each of the Assignors agrees that, upon request and without further compensation, but at no expense to such Assignor, such Assignor and such Assignor's legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing each of the Invention Patents in the United States and throughout the world, and for perfecting, recording, or maintaining the title of Assignee, and Assignee's successors and assigns, in and to each of the Invention Patents in the United States and throughout the world. In the event that Assignee is unable for any reason to secure any of the Assignors' signatures to any document that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing each of the Invention Patents in the United States and throughout the world, or for perfecting, recording, or maintaining the title of Assignee, and Assignee's successors and assigns, in and to each of the Invention Patents in the United States and throughout the world, each such Assignor

hereby irrevocably designates and appoints Assignee and Assignee's duly authorized officers and agents as such Assignor's agents and attorneys-in-fact to act for and on such Assignor's behalf and instead of such Assignor to execute such document, all with the same legal force and effect as if executed by such Assignor.

3. Each of the Assignors represents and warrants that such Assignor has not granted and will not grant to others either (1) any rights, title or interest in and to any of the Invention Patents, or (2) any rights inconsistent with the rights granted herein.

4. Each of the Assignors authorizes and requests the Assistant Commissioner for Patents of the United States and the various counterparts thereof throughout the world to issue and/or grant any Letters Patent granted for each of the Invention Patents to Assignee, its successors and assigns, as the assignee of the entire interest in such Invention Patents.

5. This Assignment constitutes the entire agreement with respect to its subject matter and supersedes all prior or contemporaneous oral or written agreements concerning such subject matter. No waiver, amendment, or modification of this Agreement shall be effective against the Assignee, unless in writing executed by a duly authorized representative of the Assignee. This Agreement shall be governed in all respects by the laws of the United States of America and by the laws of the state/province of California, as such laws are applied to agreements entered into and to be performed entirely within California between California residents. Each of the parties irrevocably consents to the exclusive personal jurisdiction of the federal and state courts located in California, as applicable, for any matter arising out of or relating to this Assignment, except that in any action seeking to enforce any order or any judgment of such federal or state courts located in California, such personal jurisdiction shall be nonexclusive. A breach of any of the promises or agreements contained herein will result in irreparable and continuing damage to Assignee for which there will be no adequate remedy at

law, and Assignee shall be entitled to injunctive relief and/or a decree of specific performance, and such other relief as may be proper.

IN WITNESS WHEREOF, each of the Assignors has executed this Assignment on the date(s) provided below.

1.

Assignor: MAKOTO ASAKAWA

Date: June 21, 2001

Signature: Makoto Asakawa

2.

Assignor: MAMORU HASEGAWA

Date: July 3, 2001

Signature: Mamoru Hasegawa