PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| PHILIPPE CHATELLARD | 09/27/2005 |
| MARKUS IMHOF | 09/28/2005 |

RECEIVING PARTY DATA

| Name: | APPLIED RESEARCH SYSTEMS ARS HOLDING N.V | |
|-----------------|--|--|
| Street Address: | PIETERMAAI 15 | |
| City: | CURACAO | |
| State/Country: | NETHERLANDS ANTILLES | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12872151 |

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NAME OF SUBMITTER: FRANK C. EISENSCHENK, PH.D.

Total Attachments: 3

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> PATENT REEL: 025892 FRAME: 0437

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ASSIGNMENT

WHEREAS, we, the undersigned, residing at the indicated addresses given below, respectively, have invented certain new and useful improvements in **EXPRESSION VECTORS COMPRISING THE MCMV IE2 PROMOTER**, for which an application for United States Letters Patent was

| ☐ signe | d by us as dated below. | | |
|---------|-------------------------|-----------|--|
| ⊠ filed | September 7, 2005, as S | Serial No | |

WHEREAS, APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., a corporation based in (and from) The Netherlands Antilles, having a place of business at Pietermaai 15, Curacao, The Netherlands Antilles, is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in view of APPLIED RESEARCH SYSTEMS ARS HOLDING N.V's review and evaluation of my patent disclosure and other valuable consideration, receipt of which is hereby acknowledged, we, the undersigned, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto said APPLIED RESEARCH SYSTEMS ARS HOLDING N.V, its successors and assigns, 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 any and all divisions, reissues, continuations, and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to APPLIED RESEARCH SYSTEMS ARS HOLDING N.V, as the assignees of the entire right, title, and interest in and to the same, for the sole use and behoof of APPLIED RESEARCH SYSTEMS ARS HOLDING N.V, its successors and assigns.

FURTHER, we agree that we will communicate to APPLIED RESEARCH SYSTEMS ARS HOLDING N.V, or its representatives, any facts known to us respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to APPLIED RESEARCH SYSTEMS ARS HOLDING N.V; make all rightful oaths; and generally do everything possible to aid APPLIED RESEARCH SYSTEMS ARS HOLDING N.V, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

Page 1 of 3

| I hereby authorize and request my attorney, Frank C. Eisenschenk, Ph.D., of Saliwanchik, Lloyd & Saliwanchik, P.O. Box 142950, Gainesville, Florida 32614-2950, to insert here in parentheses (Application number |
|---|
| IN TESTIMONY WHEREOF, I have hereunto set my hand this 27 day of September, 2005. Signed Philippe Chatellard Avenue du Leman 62 Lausanne, 1005 Switzerland |
| WITNESS: |
| Signature: Deemer |
| Printed Name: Durier Laurence |
| Date: 27 09 05 |

| I hereby authorize and request my attorney, Frank C. Eisenschenk, Ph.D., of Saliwanchik, Lloyd & Saliwanchik, P.O. Box 142950, Gainesville, Florida 32614-2950, to insert here in parentheses (Application number10/548,364, filed September 7, 2005) the application number of said application when known. |
|--|
| IN TESTIMONY WHEREOF, I have hereunto set my hand this 28th day of September, 2005. |
| Markus Imhof Chemin du Champs Paquis 27 1071 Chexbres Switzerland |
| WITNESS: |
| Signature: Printed Name: All Cale Barry |
| Date: 98 500 900 |

J:\ARS\115\PTO-Misc\Assignment.doc/DNB/kmm

RECORDED: 03/03/2011

Page 3 of 3