

09-14-2001



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U.S. Department of Commerce Patent and Trademark Office **PATENT** 

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| Name (line 1) Lee, Craig  Name (line 2)  | Reel # Frame #                           | Departmental File Secret File   |
| Name (line 2)  Second Party Name (line 1)  Payton, David  Name (line 2)  Receiving Party  Name (line 2)  Receiving Party  Name (line 2)  Mark if additional names of receiving parties attached is an assignment an receiving parties. LLC  If document to be rein an assignment an receiving parties attached is an assignment an receiving party is no domiciled in the unit States, an appointm of a domestic representative is att (Designation must be separate document in Assignment.)  Address (line 2)  Address (line 3)  Address (line 4)  Address (line 4)  DI BNGUYENI 00000103 09903879  FOR OFFICE USE ONLY  | , , ,                                    | Month Day Ye  |
| Second Party Name (line 1) Payton, David  Name (line 2)  Receiving Party  Name (line 2) Mark if additional names of receiving parties attached  Name (line 1) HRL Laboratorics, LLC  If document to be re is an assignment an receiving parties attached  Name (line 2) a limited liability company of Delaware  Address (line 2) Address (line 2)  Address (line 2)  Address (line 3) Malibu  California  City  State/Country  State/Country  State/Country  Zip Code  Domestic Representative Name and Address  Enter for the first Receiving Party only.  Address (line 3)  Address (line 3)  Address (line 4)  DI BNGUYENI 00000103 09903879  FOR OFFICE USE ONLY  |  | July 24, 2001   |
| Name (line 1) Payton, David    Name (line 2)   | <u></u>                                  |   |
| Name (line 2)  Receiving Party    Mark if additional names of receiving parties attached   | · · · · · · · · · · · · · · · · · · ·    |   |
| Name (line 1) HRL Laboratories, LLC  Name (line 2) a limited liability company of Delaware  Address (line 1) 3011 Malibu Canyon Road  Address (line 2) Address (line 3) Malibu  California 90265-4799  City State/Country Zio Code  Domestic Representative Name and Address  Enter for the first Receiving Party only.  Name  Address (line 2) Address (line 3) Address (line 4)  Address (line 4) FOR OFFICE USE ONLY  |  |   |
| Name (line 1) HKL Laboratories, LLC  Name (line 2) a limited liability company of Delaware  Address (line 1) 3011 Malibu Canyon Road  Address (line 2)   | Receiving Party                          | Mark if additional names of receiving parties attached                                  |
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| Address (line 1) 3011 Malibu Canyon Road representative is attracted by the Address (line 2) Representative Name and Address (line 3) Malibu California State/Country Zio Code  Domestic Representative Name and Address Enter for the first Receiving Party only.  Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY   | Name (line 2) a limited liability compan | ty of Delaware domiciled in the Unit<br>States, an appointme                            |
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| Address (line 3) Malibu California 90265-4799  City State/Country Zip Code  Domestic Representative Name and Address  Enter for the first Receiving Party only.  Name  Address (line 1)  Address (line 2)  Address (line 3)  Address (line 4)  FOR OFFICE USE ONLY   | Addross (line 2)                         | separate document f   |
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**PATENT** 

**REEL: 012150 FRAME: 0873** 

| FORM PTO<br>Expires 06/30/99<br>OMB 0651-0027  | -1619B  | Page 2  | U.S. Department of Commerce Patent and Trademark Office PATENT   |  |  |
|--|---|---|--|--|--|
| Corresponde  | ent Name and Address  | Area Code and Telephone Number  | er (310) 589-8158  |  |  |
| Name [   | Cary Tope-McKay   |   |  |  |  |
| Address (line 1)   | 23852 Pacific Coast Highway #31   | 1   |  |  |  |
| Address (line 2)   | Malibu, CA 90265  | ,   |  |  |  |
| Address (line 3)   |   |   |  |  |  |
| Address (line 4)   | 4   |   |  |  |  |
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U.S. Department of Commerce Patent and Trademark Office **PATENT** 

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| Conveying P  | arty(ies)  Mark if additional names of conveying parties attached  Conveying Parties | Execution Date<br>Month Day Year                           |  |  |  |  |
| _  | Howard, Mike   | July 19, 2001  |  |  |  |  |
|  | TO TO TAKE   | July 17, 2001  |  |  |  |  |
| Name (line 2)  |  | Execution Date   |  |  |  |  |
|  |  | Month Day Year   |  |  |  |  |
| Name (line 1)  | Daily, Mike  | July 30, 2001  |  |  |  |  |
| Name (line 2)  |  |  |  |  |  |  |
| ` ' С  |  | Execution Date<br>Month Day Year                           |  |  |  |  |
| Name (line 1)  | Hoff, Bruce  | July 30,2001   |  |  |  |  |
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| Address (line 1)   |  | of a domestic representative is attached. (Designation     |  |  |  |  |
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| Address (line 2)   |  | Assignment.)   |  |  |  |  |
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| Application Number(s) or Patent Number(s) Mark if additional numbers attached                                      |  |  |  |  |  |  |
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**PATENT** 

**REEL: 012150 FRAME: 0875** 

**HRL Docket:** 

Invention Title: METHOD AND APPARATUS FOR CONTROLLING THE MOVEMENT OF A

PLURALITY OF AGENTS

# **ASSIGNMENT**

WHEREAS, I, Craig Lee, 2623 Rockefeller Lane, Redondo Beach, CA 90278, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in **METHOD AND APPARATUS FOR CONTROLLING THE MOVEMENT OF A PLURALITY OF AGENTS** (hereinafter "Invention") for which a new application for a United States Patent is being filed and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

#### AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have a full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefore, at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign Patents or the like for the Invention, and for maintaing and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights in it, particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 7-4th day of July ,2001, at Maliku, Alifornia ...

Cy Lee (Signature)

Page 1 of 1 7/24/01 HRL020-LEE

**HRL Docket:** 

Invention Title: METHOD AND APPARATUS FOR CONTROLLING THE MOVEMENT OF A

PLURALITY OF AGENTS

### ASSIGNMENT

WHEREAS, I, David Payton, of 4748 Don Pio Drive, Woodland Hills, CA 91364, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in METHOD AND APPARATUS FOR CONTROLLING THE MOVEMENT OF A PLURALITY OF AGENTS (hereinafter "Invention") for which a new application for a United States Patent is being filed and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

### AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have a full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefore, at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign Patents or the like for the Invention, and for maintaing and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights in it, particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 12 day of July ,2001, at Malibu, California

(Signature

Page 1 of 1 7/11/01 HRL020-PAYTON

**HRL Docket:** 

Invention Title: METHOD AND APPARATUS FOR CONTROLLING THE MOVEMENT OF A

PLURALITY OF AGENTS

# ASSIGNMENT

WHEREAS, I, Mike Howard, of 4138 La Venta Drive, Westlake Village, CA 91361, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in METHOD AND APPARATUS FOR CONTROLLING THE MOVEMENT OF A PLURALITY OF AGENTS (hereinafter "Invention") for which a new application for a United States Patent is being filed and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

#### AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have a full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefore, at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign Patents or the like for the Invention, and for maintaing and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights in it, particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 19 day of July , 2001, at \_\_\_\_\_\_\_, CA

(Signature)

Page 1 of 1 7/11/01 HRL020-HOWARD

**HRL Docket:** 

Invention Title: METHOD AND APPARATUS FOR CONTROLLING THE MOVEMENT OF A

PLURALITY OF AGENTS

# ASSIGNMENT

WHEREAS, I, Mike Daily, of 60 Inverness Rd., Thousand Oaks, CA 91361, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in METHOD AND APPARATUS FOR CONTROLLING THE MOVEMENT OF A PLURALITY OF AGENTS (hereinafter "Invention") for which a new application for a United States Patent is being filed and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

### AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

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Page 1 of 1 7/11/01 HRL020-DAILY

**HRL Docket:** 

Invention Title: METHOD AND APPARATUS FOR CONTROLLING THE MOVEMENT OF A

**PLURALITY OF AGENTS** 

# ASSIGNMENT

WHEREAS, I, Bruce Hoff, of 1205 Appleton Way, Venice, CA 90291, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in METHOD AND APPARATUS FOR CONTROLLING THE MOVEMENT OF A PLURALITY OF AGENTS (hereinafter "Invention") for which a new application for a United States Patent is being filed and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

#### AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have a full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefore, at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign Patents or the like for the Invention, and for maintaing and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights in it, particularly in cases of interference, conflict, opposition and litigation.

> Page 1 of 1 7/11/01 HRL020-HOFF

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