| FORM PTO-1595 P20916.P03 | 06-22-2001 | ER SHEET | | MENT OF COMMERCE TRADEMARK OFFICE |
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| To the Honorable Co | | rd the attached origina | al documents or copy the | |
| Name of Conveying party(ies): Name of Conveying party(ies): | 101756488 | ne and address of rece | iving party(ies) | a. 23 |
| Yiyoung SUN | / / / | Name: MATSUSI | HITA ELECTRIC WOR | |
| | Colista | LABORA] | ΓORY, Inc. | 200 C |
| | 4(17) | Internal Address: | | 00.00 |
| Additional name(s) of conveying party(ies) |) attached? Yes _X_ No | | | |
| 3. Nature of conveyance: | | Street Address: 216 | West Cummings Park | |
| X Assignment | _ Merger | | | |
| Security Agreement | Change of Name | | | |
| Other | | City: Woburn | State:MA | ZIP: 01801-6346 |
| Execution Date: June 15, 2001 | Additional name(s) and address(es) attached? Yes _X_ No | | | |
| 4. Application number(s) or patent number | r(s): | | | |
| If this document is being filed together | with a new application, the execution dat | te of the application is: | June 15, 2001 | |
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| A. Patent Application No.(s) | 1 | B. Patent No.(s) | | / |
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| Name and address of party to whom cor document should be mailed: | 6. Total number of application | is and patents involved. | | |
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| Name: Bruce H. Bernstein | | 7. Total Fee (37 CFR 3.41) | \$40.00 | |
| Name. | | X Enclosed | | |
| Internal Address: P20916 | | Authorized to be charged to deposit account | | |
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| | | 8. Deposit account number: | | |
| Street Address: GREENBLUM & | BERNSTEIN, P.L.C. | | 19-0089 | enosit account) B |
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| Statement and signature. | of, the foregoing information is true and c | correct and any attached copy is | a true copy of the origi | nal document. \$6 |
| | of, the foregoing information is the unit | man Ra 16.3 | 3, 324 6/15 | -1 |
| Bruce H. Bernstein, Reg. No. 29,027 | | 11 11 11 11 11 11 11 11 11 11 11 11 11 | | Date |
| Name of Person Signing T | otal number of pages including cover she | eet, attachments and document | | |
| | Mail documents to be recorded with | required cover sheet informat | ion to: | |
| | Commissioner of Palellis & | Trademarks, Box Assignments 1, D.C. 20231 | | E/18/2001 4 FD:581 |
| | w astrington | -, - , | | |

PATENT REEL: 011906 FRAME: 0717 P20916.AS1

ASSIGNMENT

WHEREAS, Yiyoung SUN, a citizen of USA, whose post office address is 26 Holly Lane, Beverly, MA 01915 USA, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

APPARATUS AND METHOD FOR DRIVING A HIGH INTENSITY DISCHARGE LAMP

for which he has executed an application for Letters Patent for the United States in the United States Patent and Trademark Office even date herewith.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application, including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, and James L. Rowland, Reg. No. 32,674, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. ________, filed _______) the filing date and application number of said application when known.

AND WHEREAS, Matsushita Electric Works R&D Laboratory, Inc., a corporation organized and existing under the laws of the State of California, whose post-office address is 216 West Cummings Park, Woburn, MA 01801-6346, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States and elsewhere throughout the world, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, term or terms of any and all such Letters Patent when granted, including any and all renewals,

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reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR, on the respective date indicated below.

Witnessed by:

Name Date

Date

Date

Date

Date

Date

RECORDED: 06/15/2001

PATENT REEL: 011906 FRAME: 0719