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HEET

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attached original documents or copy thereof.

Name of conveying party(ies):

Yoshi HAMAGUCHI
SHIMIZU
TSURUTA
Sanori HIROSEAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: November 17, 1999

2. Name and address of receiving party(ies):

Name: MATSUSHITA ELECTRONICS CORPORATION

Internal Address:

Street Address: 1-1, Saiwai-cho, Takatsuki-shi

City: Osaka 569-1143 State: Japan Zip:

Additional name(s) & address(es) attached? ☐ Yes ☒ No
 JCS675 U.S. PTO
 09/477426
 01/04/00

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: November 17, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: STEVENS, DAVIS, MILLER & MOSHER, L.L.P.

Internal Address: Suite 850/JEL 30795

Street Address: 1615 L Street, N.W.

City: Washington State: DC Zip: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)\$40.00

- ☒ Enclosed (Check No. 1266)
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8. Deposit account number: 19-4375

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9. 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.

James E. Ledbetter

Name of Person Signing
Registration No. 28,732

Signature

January 4, 2000

Date

Total number of pages including cover sheet, attachments, and document: 2

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PATENT
REEL: 010523 FRAME: 0786

USA
ASSIGNMENT OF PATENT APPLICATION

(1) Shin-ichi HAMAGUCHI
(2) Yuzo SHIMIZU
(3) Toru TSURUTA
(4) Masanori HIROSE
(5) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(6) Matsushita Electronics Corporation
(6a) of 1-1, Saiwai-cho, Takatsuki-shi, Osaka, 569-1143 Japan
(7) _____
(7a) of _____

(hereinafter designated as the Assignee) the entire rights, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(8) _____ in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(9) OPTICAL SEMICONDUCTOR DEVICE

(Case No. _____)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

(10) on _____ or has already filed

(11) U.S. appln. Serial No. _____, filed on _____.

(12) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining such evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of STEVENS, DAVIS, MILLER & MOSHER, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date 11/17/1999 Signature of Inventor (1) Shin-ichi Hamaguchi (Seal)
Date 11/17/1999 Signature of Inventor (2) Yuzo Shimizu (Seal)
Date 11/17/1999 Signature of Inventor (3) Toru Tsuruta (Seal)
Date 11/17/1999 Signature of Inventor (4) Masanori Hirose (Seal)
Date _____ Signature of Inventor (5) _____ (Seal)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A., or (b) a U.S. Counsel if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date 11/18/1999 Signature of Witness Takao Shibutani (Seal)
Date 11/18/1999 Signature of Witness Masahiro Watanabe (Seal)