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| FORM PTO-1595 1 21-92 | F 07-24-20 | | SHEET | U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office | | | | |
| To the Honorable Commissioner of F | | 棚 間 間 間 12 | tached origina | l documents or copy thereof. | | | | |
| Name of conveying parties: | _ 1014120 | | address of rece | eiving party(ies): | | | | |
| Katsushiko TSUURA | Name: MATSUSHITA ELECTRONICS CORPORATE CORPORA | | | | | | | |
| Additional name(s) of conveying party(ies) a | Internal Address: | | | | | | | |
| 3. Nature of conveyance: | Street Address: 1-1, Saiwai-cho, Takatsuki-shi | | | | | | | |
| X Assignment | lerger | | | 9 | | | | |
| ☐ Security Agreement ☐ C | City: Osal | ka, 569-1143 | State: Japan Zip: | | | | | |
| Other | | | | | | | | |
| Execution Date: June 5, 2000 | Additional name(s) & address(es) attached? Yes X No | | | | | | | |
| 4. Application number(s) or patent no | umber(s): New Patent Applic | ation | | | | | | |
| If this document is being filed together with a new application, the execution date of the application is: June 5, 2000 | | | | | | | | |
| A. Patent Application No.(s | B. Patent No.(s) | | | | | | | |
| | | | | 09599354 | | | | |
| Additional numbers attached? Yes No | | | | | | | | |
| 5. Name and address of party to who concerning document should be m | 6. Total number of applications and patents involved: 1 | | | | | | | |
| Name: STEVENS, DAVIS, MILLE | ER & MOSHER, L.L.P. | 7. Total fee (37 CFR 3.41)\$40.00 | | | | | | |
| Internal Address: Suite 850/JEL 3 | 1098 | Enclosed (Check No. 13551) | | | | | | |
| Street Address: 1615 L Street, N.V | V. | Any deficiencies may be charged to deposit account Authorized to be charged to deposit account | | | | | | |
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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. | | | | | | | | |
| Shu glilletta | | | | | | | | |
| James E. Ledbetter | - Imain | NMA | | June 21, 2000 | | | | |
| Name of Person Signing Registration No. 28,732 | Signature | | | Date | | | | |
| | | Total number | of pages including | g cover sheet, attachments, and document: 2 | | | | |
| OMB No. 0651-0011 (exp. 4/94) | | | | | | | | |

PATENT REEL: 010928 FRAME: 0982

USA ASSIGNMENT OF PATENT APPLICATION

| | (1) | Katsuhiko TSUURA | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--|--|--|
| | (2) (3) | | | | | | | |
| | (4) (5) | | | | | | | |
| | considera | | | 1.00) and other good and ondersigned agree(s) to assign | | | | |
| | (6a) (7) | MATSUSHITA ELECTRONICS CORPORATION of 1-1, Saiwai-cho, Takatsuki-shi, Osaka, 569-1143 JAPAN | | | | | | |
| • | (7a) | of | | | | | | |
| | | ter designated as the As s, dependencies and pos | | ghts, title and interest for t e country of | he United States, its | | | |
| ; | (8) Letters P | atent which may be grai | in the invention ited therefor, know | , and all applications for p n as | atent and any | | | |
| , | (9) | Semiconductor Integr (Case No | ated Circuit Devi | ce and Method of Produ | cing the Same | | | |
| 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 | · | | | |
| | | The undersigned acknowledge the time the invention | | on of assignment of this in | vention to said | | | |
| continuing or divis- as the Assignee ma | ional app y deem n | lications thereof and also eccessary or expedient. | to execute separate a | connection with the applica assignments in connection v connection with any interfe | vith such applications | | | |
| declared concerning possible in obtaining | g this app ng such ev | dication or continuation continuation continuation continuation of the desired and going forwards. | or division thereof and d with such interfere | d to cooperate with the Ass | ignee in every way | | | |
| | | | | nts and perform any act whi or Protection of Industrial Pr | | | | |
| | | | l affirmative acts wh | ich may be necessary to obt | ain a grant of a valid | | | |
| 5) The r Patent of the United the said Assignee, | undersign 1 States r as Assign | ed hereby authorize(s) ar esulting from said applica ee of the entire interest, a | ation or any division nd hereby covenants | nmissioner of Patents to issu or divisions or continuing a s that he has (they have) full ad will not execute, any agre | pplications thereof to right to convey the | | | |
| to insert on this ass United States Pater | ignment : nt Office : | my further identification or recordation of this doc | which may be neces cument. | AVIS, MILLER & MOSHEI sary or desirable to comply opposite the undersigned sign | with the rules of the | | | |
| Date June/05, | /2000 | Signature of Inventor Signature of Inventor Signature of Inventor | (1) Katsuhil | O TSUURA | (Seal) (Seal) | | | |
| Date | | Signature of Inventor Signature of Inventor | (3) | | (Seal) (Seal) | | | |
| Date | | Signature of Inventor | | | | | | |
| 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 JUNE/05 Date 5/June | 12000 | Signature of Witness Signature of Witness | Kazuya (| likuchi | (Seal) (Seal) | | | |

RECORDED: 06/21/2000

PATENT REEL: 010928 FRAME: 0983