| FORM PTO-1595 1-31-92 | 10-15-2004 | IEET | IEET U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 07481.0032 Attorney Customer Number: 22,852 | | | | |
|--|--|---|--|-------------|-----------------------------|------------|---------------|
| To the Director of the U.S. Pate Please record the attached orig. | 102860380 | | Mail | Stop As | ssignment F | Recordati | on Services |
| Name of conveying party(Toshitake SASAKI | | 2. | Name and | daddres | s of receiving | g party(ie | s): |
| Kiyohito MURATA | | Name: | Toyota | a Jidosha | a Kabushiki k | Kaisha | PT0 |
| Additional name(s) of conveying pa | arty(ies) attached? ☐ Yes ☒ No | Internal | Address: | | | | U.S. |
| 3. Nature of conveyance: | | Street A | ddress: | 1, Toy | yota-cho | | 278 0/9 |
| | Merger | City: | Toyota-sh | ii, Aichi 4 | 171-8571, JA | PAN | 22 |
| Security Agreement | Change of Name | State: | | | Zip Code: | | |
| Other: | | Addition | nal name(s) | & Addre | ess(es) attac | hed? | |
| Execution Date: September 13, 2004 | | | Additional name(s) & Address(es) attached? ☐ Yes No | | | | |
| Application number(s) or | patent number(s): If this document is be | eina filed to | | | | the execu | tion date of |
| the application: Septemb | er 13, 2004 | omig mod a | ogo | | apphounom, | | and a date of |
| A. Patent Application Number | er(s): 10957725 | В. | Patent Nu | ımber(s): | : | | |
| | | | | | | | |
| | Additional numbers attached? | ☐ Yes | |] No | | | |
| Name and address of party to whom correspondence concerning document should be mailed: | | 6. Total number of applications and registrations involved: | | | | | |
| Name: James W. Edmondson | | 7. | Total fee | 37 CFR | 3.41): \$40 | | |
| | | | Enclo | | ease charge | deficienc | y to deposit |
| ı | | | Auth | orized to | be charged | to depos | it account |
| & DUNNER, L | | | | | | , , , | |
| Street Address: 1300 I Street, | N.W. | | | | | | |
| | | | | | | | |
| City: Washington, D.C. | | | | | | | |
| City: Washington, D.C. State: Zip | | 8. | Deposit A | ccount N | No.: <u>06-0916</u> | <u>}</u> | |
| | o: 20005-3315 | 8. | Deposit A | ccount N | No.: <u>06-0916</u> | <u>)</u> | |
| State: Zip 9. Statement and signature. | o: 20005-3315 | | <u> </u> | | | | the original |
| State: Zip 9. Statement and signature. To the best of my knowledge and b | o: 20005-3315 | | <u> </u> | | | | the original |
| State: Zip 9. Statement and signature. To the best of my knowledge and to document. | coelief, the foregoing information is true | and correct | <u> </u> | | copy is a tru October 5, | e copy of | the original |

PATENT REEL: 015880 FRAME: 0681

ASSIGNMENT

Whereas, I/we, Name

assigns.

<u>Address</u>

| 1) Toshitake SASAKI | Toyota-shi,Aichi,Japan | |
|--|---|--|
| 2) Kiyohito MURATA | Susono-shi,Shizuoka,Japan | |
| hereinafter called assignor(s), have in | nvented certain improvements in | |
| otherwise indicated below: | ers Patent of the United States of America therefor on even da | |
| filed on Whereas | , Serial No. | ; and |
| TOYOTA JIDOSHA KABUSH 1, Toyota-cho, Toyota-shi, Aichi 47 | | |
| patents to be obtained therefor, NOW THEREFORE, be it known hereby acknowledged, I/WE, as assign transfer, and set over unto the assign this invention and this application, and which may be granted thereon, and a | ire right, title and interest in the application and invention, and wn that, for good and valuable consideration from assignee, gnor(s), have sold, assigned, transferred, and set over, and diee, its lawful successors and assigns, MY/OUR entire right, to all divisions, and continuations thereof, and all Letters Pate all reissues thereof; and I/WE hereby authorize and request the distance of issue all Letters Patent for this invention to assigns of this Assignment; | the receipt of which is to hereby sell, assign, title, and interest in and to ent of the United States the Commissioner of |
| assignee, its successors and assigns proceeding, sign all lawful papers wh desirable to perfect the title to this inv continuation, and reissue application | ovenant and agree that I/WE will, without further consideration is, any facts known to ME/US respecting this invention and tested upon to do so, execute and deliver all papers that refer in said assignee, its successors and assigns, execute is, make all rightful oaths and generally do everything possible denforce proper patent protection for this invention in the Un | stify in any legal may be necessary or all divisional, e to aid assignee, its |

1): Joshitake Jaraki Jeptember 13. 2004
Name: Toshitake SASAKI

2): Kinditi Murata September 13. 2004
Name: Kivohito MURATA

understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

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PATENT REEL: 015880 FRAME: 0682