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| Director of the U.S. Patent PATENTS ONLY and Trademark Office P.O. Box 1450 | | | .S. DEPARTMENT OF COMME Patent and Trademark C | |
| Alexandria, VA 22313-1450 | | | Attorney Docket No. 1184 | 55 |
| Please record the attached document. Total number of pages including cover | sheet, attachments, and doc | ument: 3 | | |
| 1. A. Name of conveying parties: Tomohiko ENDO Hisashi SATONAK Yuichi KUBOTA Akira MATSUI Hideyuki IWAKIRI Toru SUGIYAMA Seiji KAWAKAMI Katsuhiko IWAZAK Hiroaki KATAOKA Yuu TANAKA Yoshifumi IWATA B. Additional name(s) of conve | XI X | TOYOTA KAISHA 1, TOYO AICHI-KI AISIN SE 1, ASAHI | ress of receiving parties: JIDOSHA KABUSI FA-CHO, TOYOTA- EN, 471-8571 JAPAN IKI KABUSHIKI KA -MACHI 2-CHOME SHI, AICHI-KEN, J. | SHI, |
| 3. A. Nature of conveyance: Assignment B. Execution Date: All) April | ☐ Merger | B. Additional na | nc(s) & address(es) attached' □Yes ☑ No | |
| 4. A. Patent Application No. 10/8 | 310,652 | B. Patent No.(s) | | |
| C. Title of Application: PARK | | ached? | ASSIST METHOD FOR | X |
| 5. Name and address of party to who concerning document should be to | | 6. Total number of ap | olications and patents involve | d: <u>1</u> |
| Name: <u>James A. Oliff</u> | _ | | Deposit Account No. 15 R 3.41) in the amount of | |
| Address: OLIFF & BERRIDGE P.O. Box 1992 Alexandria, VA Phone Number: 703-8 Fax Number: 703-8 | 8 22320 836-6400 | 8. Credit any overpay deposit account nu | ment or charge any underpayment or 15-0461. | ent to |
| | | | | |
| 9. Statement and signature. To the best of my knowledge and the original document. James A. Ohiff Registration No. 2 Joel S. Armstrong Registration N | Z 075 | | any attached copy is a tru august 18, 2004 | copy of |

PATENT

REEL: 015073 FRAME: 0164

ASSIGNMENT (Two Assignees)

| | | (1) | Tomohiko ENDO | _ (7) | Seiji KAWAKAMI | | |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| (1-12) Insert Name(s) of Inventor(s) | | (2) | Hisashi SATONAKA | (8) | Katsuhiko IWAZAKI | | |
| | (3) | Yuichi KUBOTA | | Hiroaki KATAOKA | | | |
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| | | (5) | Hideyuki IWAKIRI | (11) | Yoshifumi IWATA | | |
| | | (6) | Toru SUGIYAMA | (12) | _ | | |
| | | eac | In consideration of the sum of one dollar (\$ n of the undersigned, each undersigned agrees | 1.00) and to assign, | other good and valuable consideration paid to and hereby does assign, transfer and set over to | | |
| (13A) | Insert Name of First Assignee | e of First (13A) TOYOTA JIDOSHA KABUSHIKI KAISHA | | | | | |
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| (14B) | Insert Address of Second Assignee | (14 H | (14B) 1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken, Japan | | | | |
| | | the | entire right, title and interest for the United Stantion, and in all applications for patent include | ates of An ling any a | irt, successors, assigns and legal representatives, nerica as defined in 35 U.S.C. § 100, in the not all divisions, continuations, substitutes, and | | |
| | | reis inv | sues, and all Letters Patent, extensions, reissue ention known as | es and ree | xamination certificates that may be granted on the | | |
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| (15) | | reis inv (15 | sues, and all Letters Patent, extensions, reissue ention known as PARKING ASSIST APPARAT VEHICLE corney Docket No. 118455 | us and rec | tamination certificates that may be granted on the D PARKING ASSIST METHOD FOR | | |
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| ` ' | Identification, such as Title, Case Number or Foreign Application Number Insert Date of Signing of | reis inv (15 At | sues, and all Letters Patent, extensions, reissue ention known as PARKING ASSIST APPARAT VEHICLE corney Docket No. 118455 which the undersigned has (have) executed an n date herewith or on April 21, 2004 | us and rec | D PARKING ASSIST METHOD FOR or for patent in the United States of America on | | |

- 1) Each undersigned agrees to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof, or any patent or reissue application based thereon, and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees 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) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.
- 5) Each undersigned authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignees, as Assignees of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of **OLIFF & BERRIDGE**, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark. Office for recordation of this decument.

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

| Date | April_21, 2004 | Inventor Signature Tomohiko Endo | (SEAL) |
|------|----------------|--------------------------------------|--------|
| Date | April 21, 2004 | Inventor Signature Hisaski x toneko | (SEAL) |
| Date | April 21, 2004 | Inventor Signature Unichi Kubata | (SEAL) |
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| Date | April 21, 2004 | Inventor Signature | Hivaki Ktaoka | (SEAL) |
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| Date | April 21, 2004 | Inventor Signature | you Janaka | (SEAL) |
| Date | April 21, 2004 | Inventor Signature | Yoshifan i lavata | (SEAL) |
| Date | | Inventor Signature | <u> </u> | (SEAL) |
| then it s | This assignment should preferably be signer that the signer is the signed before at least two witness. | | thin the U.S.A. (b) = U.S. Consul if outside the U | S.A. If neither, |
| Date | April 21, 2004 | Witness | Jakan Shirai | |
| Date | April 21, 2004 | Witness | Julio Jakosi | |

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