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TO THE DIRECTOR OF THE US PATENT

SIR: PLEASE RECORD THE ATTACHED DOCUMENT FOR US. 102505707

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Yasuyuki AOKI

3.

5.

7.

2. Masaki KAKIHARA

4.

6.

8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: 1) Aisin Seiki Kabushiki Kaisha ; 2) Toyota Jidosha Kabushiki Kaisha

ADDRESS: 1) 1, Asahi-machi 2-chome, Kariya-shi, Aichi 448-8650 JAPAN; 2) 1, Toyota-cho, Toyota-shi, Aichi 471-8571 JAPAN

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)☒ ASSIGNMENT OF ☒ WHOLE ☐ PART INTEREST☒ ORIGINAL ☐ FACSIMILE/PHOTOCOPY☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: 1) April 17, 2003; 2) May 9, 2003

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NOA. PAT. APP. NO.(S)
series code/serial no

M#

1st INVENTOR
if not in Item 1

B. PATENT NO(S)

M#

1st INVENTOR
if not in Item 1

10/381,745

302767

AOKI

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:Pillsbury Winthrop LLP
Intellectual Property Group
P.O. Box 10500 McLean, VA 22102

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE DUE: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 302767

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9. 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.

Signature

Attorney: Kenneth M. Fagin

Reg. No. 37,615

Atty/Sec: KMF/jrh

TEL: (703) 905-2066

Date: July 14, 2003

FAX: (703) 905-2500

10. Total number of pages including this
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FILE WITH PTO RETURN RECEIPT (PAT-103A)

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USA Patent Appln.
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Atty. Dkt. P

M#

Client Ref.

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) Yasuyuki AOKI	(2) Masaki KAKIHARA
(3)	(4)
(5)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

(1) AISIN SEIKI KABUSHIKI KAISHA
1, Asahi-machi 2-chome, Kariya-shi, Aichi 448-8650 Japan
(2) TOYOTA JIDOSHA KABUSHIKI KAISHA
1, Toyota-cho, Toyota-shi, Aichi 471-8571 Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

MONITORING SYSTEM FOR AUTOMATIC CHARGING APPARATUS FOR VEHICLE

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →

(Complete

line A, B and/or C)

(A) ☒ even date herewith

(B) ☐ on

(C) ☐ in U.S. Appln. No. / filed

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS

1):
Name: Yasuyuki AOKI
2)
Name: Masaki KAKIHARA
3)
Name:
4) Name:
Name:
5) Name:
Name:

DATE SIGNED

17/04/2003
09/05/2003

WITNESSES