

BOX ASSIGNMENTS

03-07-2001

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NO 3-23-98 ^R
PAT



SHEET
S ONLY 09-045789

TO THE HONORABLE COMMISSIO

101602129

(S:

R: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

- 1. SEKIYAMA, Hiroaki
- 2. SUGIMOTO, Hironobu
- 3.
- 4.

- 5.
- 6.
- 7.
- 8.

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

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

NAME: TOYODA JIDOSHA KABUSHIKI KAISHA
ADDRESS: 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-71, 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

EXEC. DATE: February 25, 1998

CHANGE OF NAME VERIFIED TRANSLATION

SECURITY MERGER OTHER:

4. EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) February 25, 1998

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. 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

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
1100 NEW YORK AVENUE, N.W.
NINTH FLOOR, EAST TOWER
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:

APPLNS + PATS: = TOTAL

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL X \$40 = 40

40E

5.5 ATTY DKT:

251657
MATTER NO.

TY-50301-US-01
CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO	9429	251657
dup. sheet not required	CLIENT NO.	MATTER NO.

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.

Signature

G. Lloyd Knight

Attorney:

17,698

Reg. No.

Attly/Sec:

GLK:mhn

TEL: (202) 861- 3090

Date: March 23, 1998

Fax: (202) 822-0944

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

2

FILE WITH PTO RETURN RECEIPT(PAT-103A)

PAT-114X 12/1997

TOTAL P.02

PATENT
REEL: 011368 FRAME: 0265

Please return signed/recorded to:
 Cushman Darby & Cushman
 Intellectual Property Group of
 Pillsbury Madison & Sutro LLP
 Ninth Floor, East Tower
 1100 New York Avenue, N.W.
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USA Patent Appln.
 Sole or Joint

For Inventions made outside USA
 executed with or after application
 Atty. Dkt. 251657 | TY-50301-IIS-01
 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) Hiroaki SEKIYAMA	(4)
	(2) Hironobu SUGIMOTO	(5)
	(3)	[] 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)

TOYOTA JIDOSHA KABUSHIKI KAISHA
1, Toyota-cho, Toyota-shi, Aichi-ken, 471-71 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 ROUTE SEARCHING DEVICE

for which the undersigned executed an application for Letters Patent 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) Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTOR(S)	DATE SIGNED	WITNESSES
1) <u>Hiroaki Sekiyama</u> Name: Hiroaki SEKIYAMA	February 25, 1998	<u>Taizo Asaoka</u> Taizo Asaoka
2) <u>Hironobu Sugimoto</u> Name: Hironobu SUGIMOTO	February 25, 1998	<u>Taizo Asaoka</u> Taizo Asaoka
3) _____ Name: _____	_____	_____
4) _____ Name: _____	_____	_____
5) _____ Name: _____	_____	_____

IF ADDITIONAL INVENTORS, check box and continue on page 2.



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INDICA

PAT-103 11/97 PTO RECEIPT FOR INDICATED ITEMS

Appl. No.:	<u>0 /</u>	Atty:	GLK
Inventor(s)	SEKIYAMA, H. et al	Date:	March 23, 1998
Title:	ROUTE...	C#:	9429
		M#:	251657

ENCLOSED:

- Amendment
- # 1 No. of Pages Abstract
- # 20 No. of Pages Spec and Claims
- 1. # 14 No. of numbered Claims only
- 2. Declaration (1 #pgs)
- 3. Assignment [Cover Sheet]
- # 1 No. of Priority Documents
- 4. # 5 Sheets Drawings (Fig(s) 1 to 1) set Formal
- 5. [] IDS Letter [] citing App. [] Foreign
- 6. [] PTO-1449 [] cited docs.
- \$ 830 Fee (Check)
- 7. Other: CURRENT DUE DATE: April 4, 1998 Informal
- 8.

