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1. Name of Conveying party(ies)
 Masayasu ARAKAWA, Mamoru KUZUYA and Hideaki SHIMA

Additional name(s) of conveying party(ies) attached? Yes No

Conveying party(ies)
 Name: TOYODA JIDOSHOKKI
SEISAKUSHO

Internal Address: _____

Street Address: 2-1, Toyoda-cho.

City: Kariya-shi State: Aichi-ken Country: JAPAN

Additional name(s) & addressed attached? Yes No

3. Nature of Conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: August 4, 1999



4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is August 4, 1999

A. Patent Application No.(s) 09/379647 B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alfred L. Haffner, Jr., Esq.

Internal Address: Morgan & Finnegan, L.L.P.

Street Address: 345 Park Avenue

City: New York State: New York Zip: 10154-0053

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... \$ 40.00

Enclosed

Authorized to be charged to Deposit Account

8. Deposit Account Number: 13-4500

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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.

Alfred L. Haffner, Jr., (18,919) Alfred L. Haffner, Jr. August 24, 1999

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and documents: [2]

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks, Box Assignments
 Washington, D.C. 20231

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, _____
 Masayasu ARAKAWA, Mamoru KUZUYA and Hideaki SHIMA

hereby sells, assigns and transfers to
 KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO
 of 2-1, Toyoda-cho, Kariya-shi, Aichi-ken, Japan

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

(i) the application for United States Letters Patent entitled
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which was executed by the undersigned on the dates indicated below
 or was filed on _____ and accorded Serial No.
 _____ (hereinafter called the Application) ;

- (ii) any and all inventions and improvements which are described in the Application ;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent) ;
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S) :		DATE
(Masayasu ARAKAWA)	<u>Masayasu Arakawa</u>	<u>August 4, 1999</u>
(Mamoru KUZUYA)	<u>Mamoru Kuzuya</u>	<u>August 4, 1999</u>
(Hideaki SHIMA)	<u>Hideaki Shima</u>	<u>August 4, 1999</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____