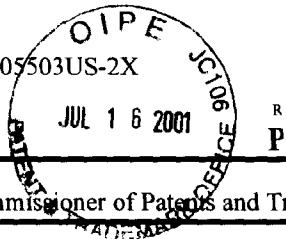
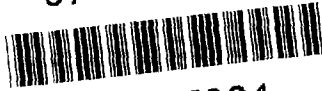


Atty Docket No.: 205503US-2X

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7-1601

2. Name and address of receiving party(ies):

Name: 1) KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO, 2) TOYOTA JIDOSHA KABUSHIKI KAISHA and 3) AISIN SEIKI KABUSHIKI KAISHA

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May 14, May 14, May 14, May 14, May 14, May 14, May 16, May 16,

Execution Date: May 16, May 18, 2001

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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:

A. Patent Application No.(s)  
09/824,108

B. Patent No.(s)

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22850

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# Assignment Of Application

Page 1 of 2

INSERT NAMES  
AND RESIDENCE  
ADDRESSES OF  
THE INVENTORS:

WHEREAS, I (WE) Hiroyuki Yamaguchi, Yasushi Amano,  
Katsuhiko Asano, Noboru Sugiura, Masanori Miyashita,  
Yoshitoshi Watanabe, Akira Tanaka, Yoshiyuki Yasui  
and Mamoru Sawada

of Aichi-ken, Japan and Mie-ken, Japan

INSERT TITLE  
OF INVENTION:

have invented certain new and useful improvements in: TIRE PARAMETER  
ESTIMATION DEVICE AND ROAD SURFACE JUDGMENT DEVICE

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION:

May 14, 2001  
for which an application for Letters Patent was executed on May 16, 2001  
May 18, 2001  
(Application No. 09/824,108, filed on April 3, 2001), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE:

WHEREAS, KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO, TOYOTA  
JIDOSHA KABUSHIKI KAISHA and AISIN SEIKI KABUSHIKI KAISHA

41-1, Aza Yokomichi, Oaza  
(hereinafter referred to as "ASSIGNEE") having a place of business at: Nagakute, Nagakute-cho  
and 1, Toyota-cho, Toyota-shi and 1, Asahi-machi 2-chome, Kariya-shi,  
Aichi-ken, Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any  
Letters Patent that may be granted therefore in the United States and its territorial possessions and in  
any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the  
receipt whereof is hereby acknowledged, and for other good and valuable consideration,  
I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and  
exclusive right to the said invention in the United States and its territorial possessions and  
in all foreign countries and the entire right, title and interest in and to any and all Letters  
Patent which may be granted therefor in the United States and its territorial possessions  
and in any and all foreign countries and in and to any and all divisions, reissues, continua-  
tions, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: May 14, 2001

Hiroyuki Yamaguchi  
(Signature of Inventor)

Date: May 14, 2001

Yasushi Amano  
(Signature of Inventor)

Date: May 14, 2001

Katsukuro Asano  
(Signature of Inventor)

Date: May 14, 2001

Noboru Sugiura  
(Signature of Inventor)

Date: May 14, 2001

Masanori Megashita  
(Signature of Inventor)

Date: May 14, 2001

Yoshitoshi Watanabe  
(Signature of Inventor)

Date: May 16, 2001

Akira Tanaka  
(Signature of Inventor)

Date: May 16, 2001

Yoshiyuki Yami  
(Signature of Inventor)

Date: May 18, 2001

Mamoru Sawada  
(Signature of Inventor)

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