

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masanori Hashiba	09/08/2006
Hideki Kawashiri	09/08/2006
Takashi Inoh	08/07/2006
Hisashi Okuyama	08/02/2006
Hiroshi Urayama	07/31/2006
Katsuhiko Mochizuki	08/29/2006
Yuhei Maeda	08/29/2006

RECEIVING PARTY DATA

Name:	Toyota Boshoku Kabushiki Kaisha
Street Address:	1-1, Toyoda-cho
Internal Address:	Kariya-shi
City:	Aichi
State/Country:	JAPAN
Postal Code:	448-8651

Name:	Toyota Shatai Kabushiki Kaisha
Street Address:	100, Kanayama
Internal Address:	Ichiriyama-cho, Kariya-shi
City:	Aichi
State/Country:	JAPAN
Postal Code:	448-8666

Name:	Toyota Jidosha Kabushiki Kaisha
Street Address:	1, Toyota-cho
Internal Address:	Toyota-shi
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State/Country:	JAPAN
Postal Code:	471-8571

PATENT

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10593220

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2418.99US01
NAME OF SUBMITTER:	Douglas J. Christensen

Total Attachments: 2
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ASSIGNMENT FOR US PATENT APPLICATION

WHEREAS, the undersigned inventors, Masanori HASHIBA, Hideki KAWASHIRI of c/o TOYOTA BOSHOKU KABUSHIKI KAISHA, 1-1, Toyoda-cho, Kariya-shi, Aichi 448-8651 JAPAN and Takashi INOH, Hisashi OKUYAMA and Hiroshi URAYAMA of c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 JAPAN and Katsuhiko MOCHIZUKI and Yuhei MAEDA of c/o TORAY INDUSTRIES, INC. MISHIMA KOJO 4845, Mishima-shi, Shizuoka 411-8691 JAPAN (hereinafter referred to as "the Assignors") have invented certain new and useful improvements in " ", and have executed an International Application (No. PCT/JP2005/004802) filed March 17, 2005 for these inventions; and

WHEREAS, TOYOTA BOSHOKU KABUSHIKI KAISHA TOYOTA SHATAI KABUSHIKI KAISHA and TOYOTA JIDOSHA KABUSHIKI KAISHA corporations duly organized under and pursuant to the laws of Japan, and having a principal place of business at 1-1, Toyoda-cho, Kariya-shi, Aichi 448-8651 JAPAN, 100, Kanayama, Ichiriyama-cho, Kariya-shi, Aichi 448-8666 JAPAN and 1, Toyota-cho, Toyota-shi, Aichi 471-8571 JAPAN respectively, (hereinafter referred to as "the Assignees") are desirous of acquiring the entire right, title and interest of the Assignor(s) in and to said improvements, the entire right, title and interest of the Assignor(s) in and to any US patent application(s) based on said improvements, and in and to any Patent(s) of the United States, to be obtained therefor and thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) has/have sold, assigned, transferred, and set over, do hereby sell, assign, transfer, and set over, unto the Assignees, their successors, legal representatives, and assign, the entire right, title, and interest of the Assignor(s) in and to the above-mentioned improvements, the entire right, title and interest of the Assignor(s) in and to any US patent applications and any and all Patent of the United States of America that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for its own use and behalf and the use and behalf of its successors, legal representatives, and assign, to the full end of the term or terms for which Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made;

AND for the same consideration, the Assignor(s) hereby covenant(s) to and agree(s) with the Assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor(s) is/are the sole and lawful owner(s) of the entire right, title, and interest in and to the improvements set forth in said above-mentioned application, and that the same right, title, and interest are unencumbered, and that the Assignor(s) has/have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor(s) hereby covenant(s) to and agree(s) with the Assignees, their successors, legal representatives, and assign that the Assignor(s) will, whenever counsel of the Assignees, or the counsel of their successors, legal representatives, and assign, shall advise that any proceeding in connection with said improvements or said applications for Patents, or any proceeding in connection with Patents for said improvements in the United States of America, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Patents, or any reissue or extension of any Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Patents for said improvements, without charge to the Assignees, their successors, legal representatives, and assign, but at the cost and expense of the Assignees, their successors, legal representatives, and assign;

AND Assignor(s) hereby authorize(s) the Assignees, their successors and assigns, or anyone it may properly designate, to insert below the filing date and serial number of said patent application, when said filing date and serial number become available:

US Patent Application Serial No. 10/593,220 Filing Date September 18, 2006

AND the Assignor(s) hereby request(s) the Commissioner of Patents and Trademarks to issue any and all said Patent(s) of the United States to the Assignees as the Assignees of said improvements, the Patent(s) to be issued for the sole use and behalf of the Assignees, their successors, legal representatives, and assign.

Date: September 8, 2006 Name of Assignor Masanori Hashiba
Masanori HASHIBA

Date: September 8, 2006 Name of Assignor Hideki Kawashiri
Hideki KAWASHIRI

Date: August 7, 2006 Name of Assignor Takashi Inoh
Takashi INOH

Date: August 2, 2006 Name of Assignor Naomi Okuyama
Hisashi OKUYAMA

Date: July 31, 2006 Name of Assignor Hiroshi Urayama
Hiroshi URAYAMA

Date: August 29, 2006 Name of Assignor Katsuhiko Mochizuki
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Date: August 29, 2006 Name of Assignor Yuhei Maeda
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RECORDED: 05/10/2007

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