

PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT	APPLICATION NUMBER 10/711948			
NATURE OF CONVEYANCE:		ASSIGNMENT OF ASSIGNOR'S INTEREST				
CONVEYING PARTY DATA						
Name		Execution Date				
Kiyofumi Inoue		2004-10-07				
Katsutoshi Hamada		2004-10-07				
Kaoru Uenosono		2004-10-10				
RECEIVING PARTY DATA						
Name	Street Address	Internal Address	City	State/Country	Postal Code	
Nidec Corporation	338 Tonoshiro-cho, Kuze, Minami-ku		Kyoto	JAPAN	601-8205	
CORRESPONDENCE DATA						
FAX NUMBER: 2707173120						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>						
When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.						
CUSTOMER NUMBER: 022919						
NAME OF PERSON SIGNING:		Steven Roberts				
DATE SIGNED:		2004-10-15				
Total Attachments: 2 source=Assign1a.tif source=Assign2a.tif						

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ASSIGNMENT

[Executed in Japan]

WHEREAS, Kiyofumi INOUE, a citizen of Japan residing at c/o Nidec Corporation, 338 Tonoshiro-cho, Kuze, Minami-ku, Kyoto-shi, Kyoto 601-8205, Japan
 WHEREAS, Katsutoshi HAMADA, a citizen of Japan residing at c/o Nidec Corporation, 338 Tonoshiro-cho, Kuze, Minami-ku, Kyoto-shi, Kyoto 601-8205, Japan
 WHEREAS, Kaoru UENOSONO, a citizen of Japan residing at

hereinafter referred to as the Assignor(s), have invented certain new and useful improvements in

METHOD OF MANUFACTURING FLUID DYNAMIC BEARING AND SPINDLE MOTOR FOR A RECORDING DISK DRIVE UNIT AND A RECORDING DISK DRIVE UNIT HAVING THE SPINDLE MOTOR

for which the Assignor(s) have executed an Application for United States Letters Patent on even date herewith, AND WHEREAS, Nidec Corporation having its principal place of business at 338 Tonoshiro-cho, Kuze, Minami-ku, Kyoto-shi, Kyoto 601-8205, Japan (hereinafter referred to as the Assignee), is desirous of acquiring the entire right, title, and interest in and to said invention and said Application and in and to any Letters Patent or Patents, United States or foreign as indicated below, to be obtained therefor and thereon:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is herewith acknowledged, the Assignor(s) sell, assign, and transfer, unto the Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and in all foreign countries including, but not limited to, the following countries, in, to and under said improvements, and said Application, and all original, divisional, renewal, continuation, substitute, or reissue applications thereof, including the right to sue and recover for any past infringement, and all rights of priority from the filing of said Application; and the Assignor(s) hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent on said improvements or resulting therefrom to said Assignee herein, as assignee of the entire interest therein, for the sole use and behalf of said Assignee, its successors, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted. Further, the Assignor(s) and their legal representatives, heirs, and assigns do hereby agree and covenant without further remuneration that they will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to them respecting said improvements whenever requested, and will testify in any interferences or other legal proceeding in which any of said applications or Letters Patent may become involved, sign all lawful papers, execute and deliver all divisional, continuing, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said Assignee or its legal representatives, successors, or assigns, make all rightful oaths and generally do everything necessary to assist said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the U.S. and said countries, the expenses incident to said applications to be borne and paid by said assignee.

IN TESTIMONY WHEREOF, the undersigned Assignor(s) have affixed their signatures.

This 7 day of 10, 2004 Signature Kiyofumi Inoue

This 7 day of October, 2004 Signature Katsutoshi Hamada

This _____ day of _____, 2004 Signature _____

ASSIGNMENT

[Executed in Japan]

WHEREAS, Kiyofumi INOUE, a citizen of Japan residing at c/o Nidec Corporation, 338 Tonoshiro-cho, Kuze, Minami-ku, Kyoto-shi, Kyoto 601-8205, Japan

WHEREAS, Katsutoshi HAMADA, a citizen of Japan residing at c/o Nidec Corporation, 338 Tonoshiro-cho, Kuze, Minami-ku, Kyoto-shi, Kyoto 601-8205, Japan

WHEREAS, Kaoru UENOSONO, a citizen of Japan residing at Takeuchi-Haitou 3, 485-1 Kou, Niya, Ozu-shi, Ehime 795-0072, Japan

hereinafter referred to as the Assignor(s), have invented certain new and useful improvements in

METHOD OF MANUFACTURING FLUID DYNAMIC BEARING AND SPINDLE MOTOR FOR A RECORDING DISK DRIVE UNIT AND A RECORDING DISK DRIVE UNIT HAVING THE SPINDLE MOTOR

for which the Assignor(s) have executed an Application for United States Letters Patent on even date herewith, AND WHEREAS, Nidec Corporation having its principal place of business at 338 Tonoshiro-cho, Kuze, Minami-ku, Kyoto-shi, Kyoto 601-8205, Japan

(hereinafter referred to as the Assignee), is desirous of acquiring the entire right, title, and interest in and to said invention and said Application and in and to any Letters Patent or Patents, United States or foreign as indicated below, to be obtained therefor and thereon:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is herewith acknowledged, the Assignor(s) sell, assign, and transfer, unto the Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and in all foreign countries including, but not limited to, the following countries, in, to and under said improvements, and said Application, and all original, divisional, renewal, continuation, substitute, or reissue applications thereof, including the right to sue and recover for any past infringement, and all rights of priority from the filing of said Application; and the Assignor(s) hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent on said improvements or resulting therefrom to said Assignee herein, as assignee of the entire interest therein, for the sole use and behalf of said Assignee, its successors, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted.

Further, the Assignor(s) and their legal representatives, heirs, and assigns do hereby agree and covenant without further remuneration that they will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to them respecting said improvements whenever requested, and will testify in any interferences or other legal proceeding in which any of said applications or Letters Patent may become involved, sign all lawful papers, execute and deliver all divisional, continuing, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said Assignee or its legal representatives, successors, or assigns, make all rightful oaths and generally do everything necessary to assist said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the U.S. and said countries, the expenses incident to said applications to be borne and paid by said assignee.

IN TESTIMONY WHEREOF, the undersigned Assignor(s) have affixed their signatures.

This 10 day of October, 2004 Signature Kaoru Uenosono

This _____ day of _____, 2004 Signature _____

This _____ day of _____, 2004 Signature _____