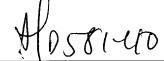
10-16-07

10-25-2007



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## PATENTS ON PATENTS ON

103455983 and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Yoshinori SONODA Mitsubishi Electric Corporation Internal Address: Additional name(s) of conveying party(ies) attached? x No Street Address: 3. Nature of conveyance/Execution Date(s): 7-3, Marunouchi 2-chome, Chiyoda-ku Tokyo Execution Date(s): September 27, 2007 100-8310 **JAPAN** x Assignment Merger Change of Name Joint Research Agreement Security Agreement Government Interest Assignment State: Executive Order 9424, Confirmatory License Zip: Country: Additional name(s) & address(es) Yes x No attached: 4. Application or patent number(s): X This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) NEW Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and 1 concerning document should be mailed: patents involved: D. Richard Anderson BIRCH, STEWART, KOLASCH & BIRCH, LLP 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: Atty. Dkt.: 1163-0638PUS1 Authorized to be charged by credit card Street Address: 8110 Gatehouse Road Authorized to be charged to deposit account Suite 100 East **Enclosed** P.O. Box 747 None required (government interest not affecting title) City: Falls Church 8. Payment Information Zip: 22040-0747 State: a. Credit Card Last 4 Numbers (703) 205-8035 **Expiration Date** Phone Number: (703) 205-8050 02-2448 Fax Number: b. Deposit Account Number mailroom@bskb.com Authorized User Name D. Richard Anderson **Email Address** 9. Signature October 16, 2007 D. Richard Anderson - 40,439 Total number of pages including cover sheet, attachments, and documents: Name of Person Signing

DRA/scp

ATTORNEY DOCKET NO. 1163-0638PUS1

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT AND UP COMPONED 16 OCT 2007 UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## **ASSIGNMENT**

Applicat	ion No.	NEW			Filed 10/16/07			
Insert Name(s)		***(Given	n Name FAMILY NAM	IE (ALL CAPS))***	10/10/07			
of Inventor(s)		WHEREAS, I, Yo	oshinori SONODA of c/o	Mitsubishi Electric Cor	poration, Tokyo, Japan			
Insert Title		(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in						
of Invention		DISK CLAMPING D	DEATCE					
	for whi	ch an application for	Letters Patent of the Uni	ted States of America has	s been executed by the undersigned			
Insert Date	(except	in the case of a provisi	sional application).					
of Signing of		S	2007					
Application	on S	September 27, 2	2007		; and			
T	WHE	PEAS AGAILTIE						
Insert Name of Assignee	WILLI	REAS, <u>Mitsubishi E</u>	Electric Corporation					
Insert Address								
of Assignee	of <u>7-</u>	3, Marunouchi 2-cho	ome, Chiyoda-ku, Tokyo	100-8310 Japan				
				7.5-74.0				
	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring							
	the enti	re right, title and inte in the United States of	erest in and to said invent	ion and in and to any Le	tters Patent(s) that may be granted			
CHECK BOX	in an	y foreign countries.						
IF APPROPRIATE		THEREFORE in cons	sideration of the sum of Te	n Dollars (\$10,00) to the u	indersioned in board wild star was tra			
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive							
	right to	the said invention in the	the United States of Ameri	ca, its territories, dependen	ncies and possessions and the entire			
	right, tit	tle and interest in and	l to any and all Letters Par	ent(s) which may be gran	ted therefor in the United States of designated, in any and all foreign			
	countrie	s;	£		g-miou, in any and an ioleigh			

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for

Page I of 2

which the same may be granted.

**PATENT REEL: 020027 FRAME: 0276** 

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing. divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	September 27,	2007_ ,	Name of Inventor Y	Yoshinori SON(	<b>V</b>
Date		,	Name of Inventor		(signature)
Date					(signature)
Date		1	Name of Inventor		(signature)
Date		,	Name of Inventor		
Date		,	Name of Inventor		(signature)
					(signature)
Date			Name of Inventor		
					(signature)

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November 2005