PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yasushi Mitsuishi	11/04/2011
Masaharu Sakai	11/04/2011
Masanori Yasuda	11/04/2011
Shouichi Imahigashi	11/04/2011
Syunsuke Ishiguro	11/04/2011

RECEIVING PARTY DATA

Name:	Nippon Soken, Inc.	
Street Address:	14, lwaya, Shimohasumi-cho	
City:	Nishio-shi, Aichi	
State/Country:	JAPAN	

Name:	DENSO CORPORATION	
Street Address:	1-1, Showa-cho	
City:	Kariya-city, Aichi-pref.	
State/Country:	JAPAN	
Postal Code:	448-8661	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13199400	

CORRESPONDENCE DATA

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Correspondent Name: HARNESS, DICKEY & PIERCE, P.L.C.

PATENT

REEL: 027221 FRAME: 0660

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	P.O. BOX 828 BLOOMFIELD HILLS, MICHIGAN 48303	
ATTORNEY DOCKET NUMBER:	4041K-000451/US	
NAME OF SUBMITTER:	H. Keith Miller	
Total Attachments: 1 source=Assignment_4041K-000451#page1.tif		

PATENT REEL: 027221 FRAME: 0661

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert date of executed on even date herewith or, if not so executed, was: (Insert date of execution of application, if not concurrent) (b) filed on August 29, 2011 Serial No. 13 / 199,400; Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.		the undersigned inventor(s) (herematte	er "Assignor") by				
14, Iwaya, Shimohasumi-cho, Nishio-shi, Aichi, Japan 2) DENSO CORPORATION 1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN (itercinater 'ASSIGNEE'), the ressipt of which is hereby acknowledged, the undersigned ASSIGNCR hereby sells, assigns at transfers to A9810-NEE the entire and exclusive right, title and interest to the invention entitled CENTRIFUGAL BLOWER (inectidate relating to international Patent Application PCT/JP		1) NIPPON SOKEN, INC.					
(Pittle of Invention) The ASSIGNEE It, the receipt of which is hereby acknowledged, the undersigned ASSIGNEE here entire and exclusive right, title and interest to the invention entitled CENTRIFUGAL BLOWER Trelating to international Patent Application PCT/JP and/or for which application for Letters Pate of execution of application, if not a casecuted, was: (a) executed on Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. The Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. The Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. The Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. The Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. The Assignment and all Letters Patential of the United States granted on said application to one and the patential of the united states and the control of the united states and the united states and the united states and the united states and the united states	Name(s)	14, Iwaya, Shimohasumi-cho, Nishio-shi, Aichi, Japan					
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(Title of invention) CENTRIFUGAL BLOWER relating to International Patent Application PCT/JP of the United States was executed on even data herewith or, if not so executed, was: [Insert date of execution of application, if not one was executed on even data herewith or, if not so executed, was: [Insert date of execution of application, if not so executed on even data herewith or, if not so executed on [b) filed on		1-1 SHOWA-CHO KARIYA-	CITY AICHI-PREF. 448-86	561 JAPAN			
relating to International Patent Application PCT/JP of the United States was executed on even date herewith or, if not so executed, was: (Insert date of execution of application, it is in the second of execution of application, it not of application, it is in the second of execution of application, it not of application, it is in the second of execution of application. Serial No. 13 / 199,400 : and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, divising the newest, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s). The ASSIGNOR agrec(s), when requested by said ASSIGNEB and without charge to but at the expense of said ASSIGNEB and without charge to but at the expense of said applicationing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance said Letters Patent(s), in any interference, resistence, reexamination, or public use proceeding and in any itigation or other leg proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all paper including separate assignments and declaration, stating all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has clavely affixed his/her/their signature(s). Yasushi Mutuwah Yasushi Mitsutishi November 4, 2011 [SIGNATURE] (TYPE NAME) (DATE) Assignation Massanuri Yasuda (TYPE NAME) (DATE) SIGNATURE) (TYPE NAME) (DATE) The Assignation of the legical paper including separate		(hereinafter "ASSIGNEE"), the receipt o transfers to ASSIGNEE the entire and e	f which is hereby acknowledged, the exclusive right, title and interest to t	undersigned ASSIGNOR hereby sells, assigns and he invention entitled			
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Assignee's attorney is hereby authorized to insert in (b) the specified of application, if not concurrent) Serial No. 13 / 199,400 and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinatter, 'said application(s) and Letters Patent(s)'). The ASSIGNOR agree(s), when requested by said ASSIGNEB and without charge to but at the expense of said ASSIGNEB, to do all acts which the ASSIGNEB may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other leg proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all paper including separate assignments and declarations, taking all rightful oaths, providing sworm testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Yasushi Mitsuishi November 4, 2011 (SIGNATURE) (TYPE NAME) (DATE) Wasanawa Yasuda (SIGNATURE) (TYPE NAME) (DATE) Masanara Yasuda (SIGNATURE) (TYPE NAME) (DATE) Masanori Yasuda (SIGNATURE) (TYPE NAME) (DATE) Movember 4, 2011 (DATE) Syunsuke Ishiguro (DATE) Movember 4, 2011				_and/or for which application for Letters Paten ted, was:			
renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patentis(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ABSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other let proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all paper including separate assignments and declarations, taking all rightful eaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). [Signatures] [Masaharu Sakai November 4, 2011 [DATE] [Masaharu Sakai November 4, 2011 [DATE] [Masanori Yasuda November 4, 2011 [TYPE NAME] [TYPE NAME] [TYPE NAME] [TYPE NAME] [DATE] [Masanori Yasuda November 4, 2011 [TYPE NAME] [DATE] [Masanori Yasuda November 4, 2011 [TYPE NAME] [DATE] [DATE] [Movember 4, 2011 [TYPE NAME] [DATE] [DATE	of execution of application, if not	(b) filed onAugust 29, 201		ereby authorized to insert in (b) the specified			
ASSIGNEB, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other let proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all paper including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Wassahi Mitsuishi Yasushi Mitsuishi November 4, 2011 (SIGNATURE) Wasaharu Sakai November 4, 2011 (SIGNATURE) Masaharu Sakai November 4, 2011 (DATE) Masanori Yasuda (SIGNATURE) Masanori Yasuda November 4, 2011 (TYPE NAME) (DATE) Howichi Landiyashi Symichi Imahigashi November 4, 2011 (DATE) Hymsukl Languro Syunsuke Ishiguro November 4, 2011 (DATE) November 4, 2011 (DATE)							
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(SIGNATURE) (TYPE NAME) (DATE)		5) Ayunsuke & shiguro	Syunsuke Ishiguro	November 4, 2011			
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8) (SIGNATURE) (TYPE NAME) (DATE) **PATENT RECORDED:** 11/14/2011 **REEL:** 027221 FRAME: 0662