

12-20-2007



103469829 **PATENTS ONLY** 

U.S. Department of Commerce ited States Patent and Trademark Office

110 the Director of the U.S. Patent and Trademark Office: Please i	record the attached original documents or convithereof				
To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.  1. Name of conveying party(ies):  2. Name and address of receiving party(ies):					
1 Tadashi HAZAMA 5	2. Name and address of receiving party(ies):				
	I) Name: DENCO CODDOD ATION				
	1) Name: DENSO CORPORATION Street Address: 1-1, Showa-cho				
3 Kenichi TOMOMATSU 7	City: Kariya-city, Aichi-pref.				
4 8	City. Karrya-City, Alcin-pret.				
	State/Country: Japan Zip: 448-8661				
Additional name/s of conveying party/ies attached?	•				
3. Nature of conveyance:	2) Name				
Assignment	Street Address:				
Security Assignment	City:				
Other	State: Zip:				
Execution Date: October 15, 2007; October 15, 2007;	Additional name/s & address/es attached?  Yes No				
October 16, 2007					
4. Application number(s) or patent number(s):	s assignment is being filed together with a new application.				
A. Patent Application No(s).	B. Patent No(s).				
(1) 11/872,860	(1)				
(2)	(2)				
(3)	(3)				
Additional numbers at					
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:1				
concerning document should be mailed:					
	7. Total fee (37 CFR 3.41) \$ 40.00				
	l 🗖				
Name: Michelle N. Lester	⊠ Enclosed				
Name: Michelle N. Lester  Internal Address:	<ul> <li>☑ Enclosed</li> <li>☐ Authorized to be charged to deposit account #14-1140</li> </ul>				
Internal Address:	Authorized to be charged to deposit account #14-1140				
Internal Address:  Street Address: Nixon & Vanderhye P.C.					
Internal Address:	Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which				
Internal Address:  Street Address: Nixon & Vanderhye P.C.	Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter				
Internal Address:  Street Address: Nixon & Vanderhye P.C.  901 North Glebe Road  11th Floor	Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which				
Internal Address:  Street Address: Nixon & Vanderhye P.C.  901 North Glebe Road  11th Floor	Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our <b>Account No.</b>				
Internal Address:  Street Address: Nixon & Vanderhye P.C.  901 North Glebe Road  11th Floor  City: Arlington State: VA Zip: 22203	Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.				
Internal Address:  Street Address: Nixon & Vanderhye P.C.  901 North Glebe Road  11th Floor  City: Arlington State: VA Zip: 22203	Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our <b>Account No.</b>				
Internal Address:  Street Address: Nixon & Vanderhye P.C.  901 North Glebe Road  11th Floor  City: Arlington State: VA Zip: 22203	Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.				
Internal Address:  Street Address: Nixon & Vanderhye P.C.  901 North Glebe Road  11th Floor  City: Arlington State: VA Zip: 22203  DO NOT USE  9. Statements and signature.	Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.  E THIS SPACE				
Internal Address:  Street Address: Nixon & Vanderhye P.C.  901 North Glebe Road  11th Floor  City: Arlington State: VA Zip: 22203  DO NOT USE	Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.  E THIS SPACE				
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Internal Address:  Street Address: Nixon & Vanderhye P.C.  901 North Glebe Road  11th Floor  City: Arlington State: VA Zip: 22203  DO NOT USE  9. Statements and signature.  To the best of my knowledge and belief, the foregoing informat of the original document.  Michelle N. Lester	Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.  E THIS SPACE				
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Internal Address:  Street Address: Nixon & Vanderhye P.C.  901 North Glebe Road  11th Floor  City: Arlington State: VA Zip: 22203  DO NOT USI  9. Statements and signature.  To the best of my knowledge and belief, the foregoing informat of the original document.  Michelle N. Lester  Name of Person Signing  Reg. No. 32,331	Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.  E THIS SPACE  December 17, 2007				

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

> 18/18/2007 MBELETE1 00000094 11872860 40.00 OP 01 FC:8021

> > 1283105

**PATENT REEL: 020281 FRAME: 0695** 

Case No.	:
106967	-US-HM/mk

ASSIGNMENT OF U.S. PATENT APPLICATION							
(Inventor		s) Tadashi Hazama Tadashi Hazama					
		Eiji lwanari					
	In considerations phereby does ass	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to					
(Assigne		RPORATION		a corporation of	Japan		
(Address		1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for					
(Title)	the United State	the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as					
(11110)		for which the undersigned has (have) executed on even date herewith an application for					
		ted States of Americ	a or, if not o	on even date, then has	executed on		
	or has already filed U.S. application Serial No, on						
	The undersigned assignee at the	The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.					
The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for 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 patent to the Assignee.							
The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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 firm of NIXON & VANDERHYE P.C. 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 United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.							
In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).							
Date	rct. 15'07	Signature of inventor	or .	Tadashi Hazama	Hagna		
Date	ct. 15'07	Signature of invento	or		unazi		
Date	et. 16'07	Signature of inventor	or .		omatsu		
	0			Kenichi Tomomatsı	,		
Date _	Oct. 15 6	27 Witn	essed by:	Henryo	Rijose		
Date _	Oct. 15 0	Ź Witn	essed by:	Idiromi	Sakai		
Date _	Oct.15,67	Witn	essed by:	Rihito	asai		

**RECORDED: 12/17/2007** 

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PATENT REEL: 020281 FRAME: 0696