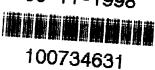
06-11-1998

SHEET



Our Ref.: 2018-148

Commissioner of Patents and Trademarks Box Assignment, Washington, D.C. 20231

	o the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.								
- [Name of conveying party(ies):	2. Name and address of receiving party(ies):							
9	Makoto Shirai	960							
:]	Masayuki Kobayashi	Name: DENSO CORPORATION							
		Internal Address:							
0		Street Address: 1-1 Showa-cho							
		Kariya-city							
9	Additional name/s of conveying party/ies attached?	7							
Š	3. Nature of conveyance:	City: Aichi-Pref.							
`		State/Country: Japan							
.	☐ Security Assignment ☐ Change of Name	Zip: 448-8661							
	Other								
	Execution Date: May 28, 1998	Additional name/s & address/es attached? ☐ Yes ☒ No							
	4. Application number(s) or patent number(s): 09/0	90980							
	If this document is being filed together with a new application, the execution	on date of the application is: June 5, 1998							
-									
	A. Patent Application No(s).	B. Patent No(s).							
-	(1)	(1)							
-	(2)	(2)							
1	(3)	(3)							
-	Additional numbers att								
	· · ·	6. Total number of applications & patents involved:1							
	concerning document should be mailed:	7. Total for (27 CER 2.41)							
	Name C. Nivon	7. Total fee (37 CFR 3.41) \$ 40.00 ⊠ Enclosed							
	Name: Larry S. Nixon								
	Internal Address:	Authorized to be charged to deposit account #14-1140							
ŀ		8. The Commissioner is hereby authorized to charge any							
1	Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which							
	1100 North Glebe Road	should have been filed herewith (or with any paper thereafter							
	8 th Floor	filed in this application by this firm) to our Account No.							
	City: Arlington State: VA Zip: 22201	14-1140.							
-	DO NOT USE THIS SPACE								
9. Statements and signature.									
	To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.								
1000 Niver									
Larry S. Nixon Name of Person Signing Date Date									
								Reg. No. 25,640 Total number of pages including original cover sheet, attachments, and document: [2]	
	Total number of pages including of igni	iar cover succe, attachments, and document. [2]							

50/80 - US Case No.______

ASSIGNMENT OF WORLDWIDE PATENT RIGHTS							
	1) Makoto	- Chimai	···				
(Inventors)		ıki Kobavashi					
	In consid	aration of the sum of ano	dollar (C1 C	0\			
	in considerations pa	eration of the sum of one iid to each of the undersic	ion of the sum of one dollar (\$1.00) and other good and valuable beach of the undersigned, the undersigned agree(s) to assign, and				
	hereby does assign, transfer and set over to						
(Assignee)	DENSO CORPORATION						
(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						
	right, title a	ind interest for					
	the United States, its territories, dependencies oplications for patent and any Letters Patent						
	which may be granted therefore, known as						
(Title)	OXYGEN SENSOR ELEMENT HOLDING LAMINATION TYPE CERAMIC HEATER						
	for which the undersigned has (have) executed on even date herewith an application for						
	patent in the United States of America or, if not on even date, then has executed on or has already filed U.S. application. Serial No.						
	on	·					
	The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.						
application or and also to ex deem necess claims or provagreements.	any interference we kecute separate as ary or expedient ar visions of the Interr	s) to execute all papers a which may be declared and signments in connection with further to perform any a lational Convention for Programments.	d any contir with such a act which m otection of	nuing or divoplications and be necensially be necensially P	isional appli as the Assig essary in cor roperty or si	cations thereof inee may nnection with milar	
of a valid Unit	ted States patent to	-		·	•	•	
and all Letters continuing ap covenants that	s Patent of the Unit plications thereof to at he has (they have	r authorize(s) and request ed States resulting from s o the said Assignee, as As e) full right to convey the o Il not execute, any agreen	aid applicates of the state of	tion or any he entire in est herein a	division or d terest, and h ssigned, and	ivisions or nereby	
this assignme	ent any further ident	grant(s) the firm of NIXO dification which may be ne Office for recordation of t	cessary or	desirable ir	C. the power n order to co	to insert on mply with the	
In wit signature(s).	ness whereof, exec	cuted by the undersigned	on the date	(s) opposit	e the unders	signed	
Date May	28.1998	Signature of inventor	ma Makoto	koto Shirai	Shirai)	
Date <u>Man</u>	7 28, 1998	Signature of inventor	Masayu	sayuki iki Kobay	Kolicy	ashi	
Date		Signature of inventor					
Date		Signature of inventor		···			
Date		Signature of inventor					
Date		Signature of inventor					
Witnessed by:	Tetsuyo	Kato	Date _	may	. 28.	1998	
Witnessed by:	Tetsuyo	a Kato	Date –	May	28.	1998	

PATENT

RECORDED: 06/05/1998

PATENT 268049 REEL: 9222 FRAME: 0160