			FOR TRADEMARKS
		ET DNLY	
TO THE ASSISTANT COMMISSIONE 1014534			
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUME	NTS OR COPY TH	IEREOF.	
1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):			
1. YAMADA, Hirokazu	2. SUGINO, Hiros	shi	2
3. OZAWA, Masato	4. NAKANO, Syu		الله الله
5.	6.		
7.	8.		± € = €
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACH	ED? □YES ⊠N	0	862 1 09/60
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:		·	
NAME: DENSO CORPORATION			
		09/649050	0
ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029, Ja	npan	01100	
, , ,	· P -···	•	
ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES	⊠NO		
3. NATURE OF CONVEYANCE (DOCUMENT):			
(Submit herewith only one document for recordation—multiple	copies of same As	ssianment sianed by differe	ent inventors is one
document)	, 00pi00 0, 0t	ongrimorit organica ay a	HEHIVORIOIS IS SIIS
SASSIGNMENT OF SWHOLE SPART INTE	DEQT FX	(EC. DATE: 1), 2) & 4), Jul	v 27 and 3) July
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☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION		, 2000	
SECURITY MERGER OTHER:	<u> </u>		
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EXECUTION DATE(S) ON THE DECLARATION IF FILED HERE ASSIGNMENT DIFFER SEE ATTY() 1) 2) 8.4\ July 27, and 3)		JATES UN DEGLARATION	NAND
ASSIGNMENT DIFFER SEE ATTY!) 1), 2) & 4), July 27 and 3),		- Chao Man	
4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL			
A. PAT. APP. NO.(S) M# 1st INVENTOR if not in item 1	B. PATENT NO(S	S) M#	1st INVENTOR if not in Item 1
NEW APPLICATION 272784			
5. Name & Address of Party to Whom Correspondence	T	VOLVED:	
	6. NUMBER IN		
Concerning Document Should be Mailed:		PATS <u>0</u> = TOTAL	<u>1</u>
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Concerning Document Should be Mailed: Pillsbury Madison & Sutro LLP Intellectual Property Group	APPLNS <u>0</u> +	PATS <u>0</u> = TOTAL FEE ENCLOSED: (Code 5	
Concerning Document Should be Mailed: Pillsbury Madison & Sutro LLP Intellectual Property Group 1100 New York Avenue, NW	APPLNS <u>0</u> +	PATS <u>0</u> = TOTAL FEE ENCLOSED: (Code 5	
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Concerning Document Should be Mailed: Pillsbury Madison & Sutro LLP Intellectual Property Group 1100 New York Avenue, NW Ninth Floor	APPLNS <u>0</u> + 7. AMOUNT OF ABOVE TOTA 8. IF ABOVE FEE	PATS <u>0</u> = TOTAL FEE ENCLOSED: (Code 5 L x \$40 = \$40 IS MISSING OR INADEQUA	81) TE CHARGE
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Concerning Document Should be Mailed: Pillsbury Madison & Sutro LLP Intellectual Property Group 1100 New York Avenue, NW Ninth Floor Washington, DC 20005-3918 5.5ATTY DKT: DMSo 277786c 000000024 09649056 U3-0023 TH	APPLNS <u>0</u> + 7. AMOUNT OF ABOVE TOTA 8. IF ABOVE FEE INSUFFICIENCUNDER ORDER	PATS 0 = TOTAL FEE ENCLOSED: (Code 5 L x \$40 = \$40 IS MISSING OR INADEQUA Y TO DEPOSIT ACCOUNT N NO 60388	81) TE CHARGE IUMBER: 03-3975 272784
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Pillsbury Madison & Sutro LLP Intellectual Property Group Ninth Floor, East Tower 1100 New York Avenue, N.W. Washington, D.C. 20005-3918

USA Patent Appln. Sole or Joint

For Inventions made outside USA executed with or after application
Atty. Dkt. 272784 U3-0023 TH

M# Client Ref.

NONPROVISIONAL

RECORDED: 08/29/2000

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

DENSO CORPORATION of 1-1, Showa-cho, Kariya-city, Aichi-pref, 448-0029 Japan (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as TITLE OF INVENTION GAS SENSOR for which the undersigned executed an application for Letters Patent of the United States of America: NOTE (Complete line A, B and/or C) (C) in U.S. Appln. No. // filed AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE. AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legale representatives, deemed essential by ASSIGNEE to ASSIGNEE for July protection and title in and to the invention hereby transferred.		In consideration of the sum of Ten Do	ollars (\$10.00) and other g	ood and valuable consideration paid to		
Carrier Complete Carrier Complete Carrier Ca	each of the und	lersigned, to wit:				
Complete	NICEDT	(1) Hirokazu YAMADA	(4) Syuic	hi NAKANO		
(In the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto. INNERT MARES OF	NAME(S) OF	(2) Hiroshi SUGINO	(5)			
DENO CORPORATION MANESOR ASSIGNESS ADDRESSUES (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patients, known as TITLEOF TOTAL TOTAL THE UNITED SENSOR For which the undersigned executed an application for Letters Patent of the United States of America: NOTE: (A) X even date herewith (B) X on July 27 and 28, 2000 (C) in U.S. Applin. No. / filled AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE. AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE; its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE for the above address to insert hereon any further identification necessary or desirable for recordation of this document. INVENTOR(S) DATE SIGNED WITNESSES Name: Hirokazu Yamada 2) Nurach Sugno Name: Hirokazu Yamada Anne: Hirokazu Yamada Anne: Hirokazu Yamada Anne: Syufichi Nakano 5) Name: Syufichi Nakano	INVENTOR(5)	(3) Masato OZAWA	[]x box	if continued on page 2		
(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patients, known as TITLEOF TOWNEY TOWN GAS SENSOR COMPLETED TOWNEY TOWN GAS SENSOR FOR Which the undersigned executed an application for Letters Patent of the United States of America: NOTE— (Complete line A, B and/or C) (B) X On July 27 and 28, 2000 (C) In U.S. Appln. No. / filed AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) to testify and execute any papers for ASSIGNEE is successors, assigns and legals representatives, deemed essential by ASSIGNEE to ASSIGNEE for Its interest as ASSIGNEE for Its interest as ASSIGNEE is successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE to ASSIGNEE its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE for Its protection and title in and to the invention hereby transferred. NOTE— INVENTOR(S) DATE SIGNED WITHESSES 1) **WINTENSES** **WINTENSES** 1) **WINTENSES** 1)	the receipt and assign(s) and tr	sufficiency of which are hereby acknow ransfer(s) unto:	rledged by the undersigne	d who at the request of, hereby sell(s),		
(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as TITLE OF INVENTION GAS SENSOR for which the undersigned executed an application for Letters Patent of the United States of America: NOTE: (A) ven date herewith (B) on July 27 and 28, 2000 (C) in U.S. Applin. No. / filled AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents assigns and legals representatives the undersigned agree(s) that the attorney of record in said application shall hereinafter act on Albithe undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE in undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE in Undersigned hereby authorize(s) Pillsbury Madison & Sutro, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document. INVENTOR(S) DATE SIGNED WITNESSES 1) August Sugno Name: Hirokazu Yamada 2) Marcal Sugno Name: Hirokazu Yamada 3) Multiposhi Sugino 5) Name: Syulichi Nakano		DENSO CORPORATION				
U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patients, known as TITLEOF INVENTION GAS SENSOR for which the undersigned executed an application for Letters Patient of the United States of America: NOTE— (Complete line A, B and/or C) (B) (C) in U.S. Applin. No. I filed AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patients and Trademarks to issue said Letters Patient to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; and the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; but estify and execute any papers for ASSIGNEE is successors, assigns and legal representatives, deermed essential by ASSIGNEE to ASSIGNEE full protection and title in and to the invention hereby transferred. NOTE—The undersigned hereby authorize(s) Pillsbury Madison & Sutro, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document. INVENTOR(S) DATE SIGNED WITNESSES 1) Aircology Yuko Thirabayyahi Name: Hiroshi Sugino July 27, 2000 Yuko Thirabayyahi Name: Hiroshi Sugino July 28, 2000 July 27, 2000 Julo Thirabayyahi Name: Syufichi Nakano 5) Name:	NAME(S) OF ASSIGNEE(S)	of 1-1, Showa-cho, Kariya-city, Aich	ni-pref. 448-0029 Japan			
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1) Hirokanu Yamada 2) Hiroshi Sugino 3) Musatu Ozawa 4) Synishi Makano 5) Name: Syuichi Nakano	AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred. NOTE The undersigned hereby authorize(s) Pillsbury Madison & Sutro, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.					
Name: Hiroshi Sugino 3) Musato Ozawa 4) Synishi Makano 5) Name: Syuichi Nakano		INVENTOR(S)				
Name: Hiroshi Sugino 3) Musato Ozawa 4) Synishi Makano 5) Name: Syuichi Nakano	1)	rokem Yamada	Only, 27, 2000	Muko Idirabayashi		
Name: Hiroshi Sugino 3) Musato Ozawa 4) Synishi Makano 5) Name: Syuichi Nakano	Name: Hirokazu Yamada					
Name: Hiroshi Sugino 3) Musato Ozawa 4) Synishi Makano 5) Name: Syuichi Nakano	2) Her	oshi Sugino	July 27,200	July derabayoshi		
Name: Syuichi Nakano 5) Name:	Name: Hirosl	hi Sugino				
Name: Syuichi Nakano 5) Name:	3) Mu	sate Ozawa	July, 28, 2000	Jupo Thirobayashi		
Name: Syuichi Nakano 5) Name:	Name: Masat	o Ozawa				
Name: Syuichi Nakano 5) Name:	4) Su	mili Mohamo	July 27, 2000	yuko Idirabayashi		
5)	· —	hi Nakano				
Name:	-					
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		AL INVENTORS, check box and co	ontinue on page 2.			

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