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ER SHEET

U.S. PTO 11/976654 10/26/2007

1) D - F - 1 001 7 C 7 E E 7 D)48
Our Ref.: LSN-2635-528	10/26/2007
To the Director of the U.S. Patent and Trademark Office: Plea	
To the Director of the U.S. Patent and Trademark Office: Plea 1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
1. Name of conveying party(les):	2. Name and address of receiving party(les):
1 Takayuki TAKEUCHI	ì
2 Ken HANASHI	1) Name: DENSO CORPORATION
	Street Address: 1-1, Showa-cho
	City: Kariya-city, Aichi-pref.
A 1 1/4 1 10 10	State/Country: Japan Zip: 448-8661
Additional name/s of conveying party/ies attached? 3. Nature of conveyance:	2) Name NIPPON SOKEN, INC.
S Nature of conveyance. ☐ Merger	Street Address: 14, Iwaya, Shimohasumi-cho
Security Assignment Change of Name	City: Nishio-city, Aichi-pref.
Other	State: Japan Zip: 445-0012
Execution Date: 1) October 10, 2007;	Additional name/s & address/es attached? Yes No
2) October 11, 2007	-
4. Application number(s) or patent number(s):	This are increased in his are 61 and to not how with a many and in the increase in
4. Application number(s) or patent number(s): A. Patent Application No(s).	This assignment is being filed together with a new application B. Patent No(s).
(1) To Be Assigned	(1)
(2)	(2)
(3)	(3)
Additional number	
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:
concerning document should be mailed:	7. Total fee (37 CFR 3.41) \$ 40.00
Name: Larry S. Nixon	Enclosed
Daily C. William	Authorized to be charged to deposit account #14-114
Internal Address:	
	8. The Commissioner is hereby authorized to charge any
Street Address: Nixon & Vanderhye P.C.	<u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which
901 North Glebe Road	should have been filed herewith (or with any paper thereaft
11th Floor	filed in this application by this firm) to our Account No.
City: Arlington State: VA Zip: 22203	filed in this application by this firm) to our Account No.
City: Arlington State: VA Zip: 22203	filed in this application by this firm) to our Account No. 14-1140.
City: Arlington State: VA Zip: 22203 DO NOT 9. Statements and signature.	filed in this application by this firm) to our Account No. 14-1140. USE THIS SPACE
City: Arlington State: VA Zip: 22203 DO NOT 9. Statements and signature. To the best of my knowledge and belief, the foregoing information of the state of the	filed in this application by this firm) to our Account No. 14-1140.
City: Arlington State: VA Zip: 22203 DO NOT 9. Statements and signature.	filed in this application by this firm) to our Account No. 14-1140. USE THIS SPACE
City: Arlington State: VA Zip: 22203 DO NOT 9. Statements and signature. To the best of my knowledge and belief, the foregoing inform of the original document.	filed in this application by this firm) to our Account No. 14-1140. USE THIS SPACE rmation is true and correct and any attached copy is a true copy
Proceedings of the original document. Ith Floor City: Arlington State: VA Zip: 22203 DO NOT 9. Statements and signature. To the best of my knowledge and belief, the foregoing inform of the original document. Larry S. Nixon	filed in this application by this firm) to our Account No. 14-1140. USE THIS SPACE Transition is true and correct and any attached copy is a true copy October 26, 2007
City: Arlington State: VA Zip: 22203 DO NOT 9. Statements and signature. To the best of my knowledge and belief, the foregoing inform of the original document.	filed in this application by this firm) to our Account No. 14-1140. USE THIS SPACE Transition is true and correct and any attached copy is a true copy October 26, 2007

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, of malest to the HED1 00000026 11976654 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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PATENT REEL: 020073 FRAME: 0189

ASSIGNMENT OF PATENT APPLICATION

(Inventors)	1) Takayuki TAKEUCHI
•	2) Ken HANASHI
	3)
	4)
	5)
	6)
	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
(Assignee) (Address)	DENSO CORPORATION a corporation of Japan having a place of business at 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-8661 Japan
(Assignee) (Address)	NIPPON SOKEN, INC. a corporation of Japan having a place of business at 14, Iwaya, Shimohasumi-cho, Nishio-city, Aichi-pref. 445-0012 Japan
(Other	(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as
Countries)	
(Title)	SPARK PLUG HAVING IMPROVED CONFIGURATION OF GROUND ELECTRODE FOR ENSURING HIGH IGNITION CAPABILITY
	for which the undersigned has (have) executed on even date herewith an application

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 October 10 and 11, 2007 or has already filed in U.S. appln. Serial No.

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.

PATENT REEL: 020073 FRAME: 0190 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 October 10, 200	Signature of inventor	Takayuki Takeuchi Takayuki Takeuchi
Date October 11, 2007	Signature of inventor	Ken Idanashi Ken Hanashi
Date	Signature of inventor	
Date	Signature of inventor	·
Date	Signature of inventor	
Date	Signature of inventor	
Witnessed by: Sudae	2 Hírano	Date October 10, 2007
Witnessed by: Jaiji Witnessed by: Jaiji	Johoyama	Date October 11. 2007
Witnessed by:		Date
Witnessed by:		Date

RECORDED: 10/26/2007

PATENT REEL: 020073 FRAME: 0191