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Total number of pages including cover sheet, attachments, and document: 4 1. A. Name of conveying party: Koji MURAKAMI 8. Additional name(s) of conveying party(ics) attached?	Director of the U.S. Patent and Trademark Office P.O. Box 1450		ent Recordation Services of the U.S. Patent Frademark Office x 1450	PATENTS ONLY		Patent and Trademark Office	
1. A. Name of conveying party: Koji MURAKAMI 8. Additional name(s) of conveying party(ies) stached? □ Yes ⋈ No 3. A. Name of conveyance: □ Security Agreement □ Change of Name □ Other □ B. Execution Date: October 29, 2012 4. A. Patent Application No. 13/807,975 B. Petcut No. Additional numbers attached? □ Yes ⋈ No C. Title of Application: HYBRID VEHICLE CONTROL APPARATUS 5. Name and address of party to whom correspondence concerning document should be mailed: Name: James A. Oliff 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00. Address: Oliff & Berringer, ple Phone Number: 703-836-6400 Fax Number: 703-836-6400 Fax Number: 703-836-6400 Fax Number: 703-836-6400 Fax Number: 707-856-6400 Fax Number: 707-75 Date: January 2, 2013 Date: January 2, 2013 Date: January 2, 2013 Date: January 2, 2013	Plç	Please record the attached document.				•	
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8. Additional name(s) of conveying party(ies) attached? Yes No	1.	A.	Name of conveying party:		2. A. Name and	d address of receiving party:	
TOYOTA-SHI, AICHI, 471-8571 JAPAN 3. A. Nature of conveyance: Assignment Merger Merger Pes ⊠ No			Koji MURAKAMI		1		
Yes No Yes		ß.		7 7 7	TOYOTA-		
Security Agreement	3.	Λ.	Nature of conveyance:		B. Additions		
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B. Execution Date: October 29, 2012 4. A. Patent Application No. 13/807,975 B. Patent No. Additional numbers attached? ☐ Yes ☒ No C. Title of Application: HYBRID VEHICLE CONTROL APPARATUS 5. Name and address of party to whom correspondence concerning document should be mailed: Name: James A. Oliff 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00. Address: Oliff & Berridge, plc P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787 9. Statement 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. Date: January 2, 2013			Security Agreement	Change of Name			
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Additional numbers attached? Yes No C. Title of Application: HYBRID VEHICLE CONTROL APPARATUS 5. Name and address of party to whom correspondence concerning document should be mailed: Name: James A. Oliff Name: James A. Oliff Address: Oliff & Berridge, plc P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787 9. Statement 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. Date: January 2, 2013 Date: January 2, 2013		B.	Execution Date: October 29,	2012			
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9. Statement and signature. To the best of my knowledge and benef. the foregoing information is true and correct and any attached copy is a true copy of the original document. James A. Oliff, Registration No. 27,075		Na	une: James Λ. Oliff		7. Please cha total fee (3	arge Deposit Account No. 15-0461 the 7 CFR 3.41) in the amount of \$40.00.	
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PATENT REEL: 029601 FRAME: 0168

Assignment

譲渡証

Japanese Language Assignment

(1-8)	Insert Name(s) of Inventor(s) 発明者の氏名を配入すること	
(1)	Koji MURAKAMI of Susono-shi, Shizuoka-ken, Japan	
(2)		
(3)	, , , , , , , , , , , , , , , , , , , ,	
(4)		
(5)		
(6)		
(7)		
(8)		
	の署名人に対して支払われた総額 1 ドル (\$1.00) 他の適切な有価約図を考慮して、各々の署名人は	In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to
(9)	Insert Name of Assignee 籔受人氏名を記入すること	
(9)	TOYOTA JIDOSHA KABUSHIKI KAISHA	
(10)	Insert Address of Assignee 錬受人住所を記入すること	
(10)	1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan	
譲の國明証衆人と明出版金の組	変受人と称する)に対して、腹渡に同窓し、ここに 、米国法第35 章第100 条に定義されるごとく、こ および仮出願、非仮出願、分割出願、継続出願、 。 。 。 。 。 。 。 。 。 。 。 。 。 。 。 。 。 。 。	(hereinaster designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as
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(11)	HYBRID VEHICLE CONTROL APPARATUS	
	1	
	ney Docket No. 156072) -整理番号	
	3名人が下記の日付でアメリカ合衆国において特許 ・履行するものであり、	for which the undersigned has (have) executed an application for patent in the United States of America

oŕ

PATENT REEL: 029601 FRAME: 0169 もしくは

- (12) Insert Date of Signing of Application 出願に署名する日付を記入のこと
- (12) or
- (13) Alternative Identification for filed applications 提出された出願のための代案確認事項
- (13) U.S. application Serial Number 右記の米国出線整理番号で

13/807,975

filed

January 2, 2013

上記日付において提出されたものである。

- 1) 各々の署名人は前配発明のための出願關係 および、継統出願、分割出願、再発行出願およびこの件に関しての発行する特許において、必要な全ての番類を履行することに同意し、 被受人が必要と思われる、このような出願および特許に関しての別途瞭渡証を履行することにも同意する。
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- 4) 各々の署名人は、前記鍍受人に対して有効な米閣特許の承認を取得し、維持し、もしくは再発行もしくは再審査により、確認するために、必要なすべての積極的な行為を履行することに問意する。
- 5) 各々の署名人は、米國特許商標庁 長宮に前記出願から発生したすべての米國特許 証を、全ての利益の職受人としての前記職受人 に対して発行することを許可および請求し、こ こに署名するにおいて、署名人は全ての利益を 適るためのすべての権利を有し、対立関係にあ る協定を過去に履行することなくもしくは将来 履行しないことを誓約し、この協定が前記
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- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and 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.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of Oliff & Berridge the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

証人立ち会いのもとで、	署名人院の隣の	日付をも	ってこ
の署名が履行される。			

Date	29/10/2012	Inventor Signature	Koji Mwakami	(SEAL	>
日付		発明者唇名	Koji MURAKAMI	E))	
Date	1	Inventor Signature	A	(SEAL)
日付		発明者署名		卸	
Date		Inventor Signature		(SEAL)
日付		発明者學名		囙	
Date		Inventor Signature		(SEAL)
日付		発明者署名		EΠ	
Date		Inventor Signature		(SEAL)
日付		発明者署名		ED	
Date		Inventor Signature		(SEAL)
日付		死明者署名		卸	
Date		Inventor Signature		(SEAL)
日付		発明者醫名		ED	
Date		Inventor Signature		(SEAL)
日付		発明者署名	1 4	制	

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)ate	18/12/2012	Witness
日付	t .	証人
Date	18/12/2012	Witnes: 断人

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If noither, then it should be signed before at least two witnesses who also sign here:

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Horske Icheholam

Kosuke SAKAKIBARA

For te Salenk

E. G 19.12,20/2

Thiste Y. Y : 8. 12. 201