Comparison Auditorial Patient and Trademark Office: Please record the attached original documents or copy thereof.   The brings   The Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.   Name of conveying party(se): Testuay MORI   Name of conveying party(se): Name: Omron Corporation   Address: 801, Minamifudado-cho, Horikawahigashiiru, Nature of conveyance:   Name: Omron Corporation   Address: 801, Minamifudado-cho, Horikawahigashiiru, Nature of conveyance:   Shakejinderi, Shimegvo-ku, Kyoto-shi,   Name: Omron Corporation   Address: 801, Minamifudado-cho, Horikawahigashiiru, Nature of conveyance:   Shakejinderi, Shimegvo-ku, Kyoto-shi,   Name: Omron Corporation   Address: 801, Minamifudado-cho, Horikawahigashiiru, Nature of conveyance:   Shikeji-dori, Shimegvo-ku, Kyoto-shi,   Name: Omron Corporation   Address: 801, Minamifudado-cho, Horikawahigashiiru, Nature of conveyance:   Shikeji-dori, Shimegvo-ku, Kyoto-shi,   Name: Omron Corporation   Address: 801, Minamifudado-cho, Horikawahigashiiru,   Nature of conveyance:   Shikeji-dori, Shimegvo-ku, Kyoto-shi,   Name: Omron Corporation   Nature of Country: JAPAN   Zip: 600-8530   Zip: 30		Docket No.: 15115.119001	
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.  1. Name of conveying party(les): Tetsuya MORI Takuya YAMAZAKI Kazuhiro TSUISUI Sasumu SATO  Additional names(s) of conveying party(les)  3. Nature of conveying party(les): Name: Omron Corporation Address: 801, Minamifudodo-cho, Horikawahigashliru, Address: 801, Minamifudodo-cho, Horikawahigashliru, Shiokoji-dorri, Shimogyo-ku, Kyoto-shi,  Country: JAPAN  Additional names(s) & State/Prov.:  Execution Date: 95/14/04; 95/14/04; 95/17/04  Additional name(s) & address(es)  Pes No  Size Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Jonathan P. Osha  Registration No. 33,986  Address: OSHA & MAY L.L.P.  121 McKinney, Suite 2800  Additional number:  City: Kyoto  Country: USA  Country: USA  Country: USA  Country: USA  Country: TX  Country: TX  Country: USA  Country: TX  Count	(Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03	HEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
1. Name of conveying party(ies): Tetsuya MORI Takuya YANMAZAKI Kazubiro TSUTSUI Susumu SATO Additional names(s) of conveying party(ies)  3. Nature of conveying party(ies)  4. Assignment Other Execution Date: 05/14/04; 05/14/04; 05/17/04; 05/17/04  4. Application number(s) or petent numbers(s):  If this document is being filled together with a new application, the execution date of the application is: 05/14/04; 05/17/04  Patent Application No. Filling date  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Onnron Corporation  Address: 801, Minamifradodo-cbo, Horikawahigashiiru,  Shiokoji-dori, Shimegyo-ku, Kyoto-shi,  Country: JAPAN ZIP: 600-8530  Additional name(s) & address(es)  Patent Application is: 05/14/04; 05/17/04; 05/17/04  Additional name(s) & address(es)  Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Jonathan P. Osha  Registration No. 33,986  Address: OSHA & MAY L.L.P.  1221 McKinney, Suite 2800  6. Total number of applications and patents involved: 1  Registration No. 33,986  Address: OSHA & MAY L.L.P.  1221 McKinney, Suite 2800  7. Total fee (37 CFR 3.41):			
Takuya YAMAZAKI Kazuhiro TSUTSUT Susumu SATO  Additional names(s) of conveying party(iss)   Yes  No    No    Shickoji-dori, Shimogyo-ku, Kyoto-shi,    Q     3. Nature of conveyance:   Shickoji-dori, Shimogyo-ku, Kyoto-shi,    Q     3. Nature of conveyance:   Shickoji-dori, Shimogyo-ku, Kyoto-shi,    Q     3. Nature of conveyance:   Shickoji-dori, Shimogyo-ku, Kyoto-shi,    Q     4. Assignment   Change of Name    City: Kyoto    State/Prov.:   Size     5. State/Prov.:   Size     6. Total number of application is:   05/14/04; 05/17/04     7. Total fee (37 CFR 3.41)	Name of conveying party(ies):		
Shiokoji-dori, Shimogyo-ku, Kyeto-shi,  3. Nature of conveyance:  Assignment   Merger	Takuya YAMAZAKI		
3. Nature of conveyance:    Assignment   Merger   Security Agreement   Change of Name   City: Kyoto   State/Prov.:     State/Prov.:     State/Prov.:     State/Prov.:   Sta	Susumu SATO	Address: 801, Minamifudodo-cho, Horikawahigashiiru,	
Assignment	Additional names(s) of conveying party(ies)	Shiokoji-dori, Shimogyo-ku, Kyoto-shi,	
Security Agreement	3. Nature of conveyance:	တက္	
Execution Date: 05/14/04; 05/14/04; 05/17/04; 05/17/04  4. Application number(s) or patent numbers(s):	☑ Assignment ☐ Merger	825	
Additional name(s) & address(es)  4. Application number(s) or patent numbers(s):  If this document is being filed together with a new application, the execution date of the application is:  95/14/04; 05/17/04  Patent Application No. Filing date  B. Patent No.(s)  95/27/2004 HTEXLUI 00000085 1083501  02 FC:8001  Additional numbers  Additional numbers  Additional number of applications and patents involved:  1 Name: Jonathan P. Osha  Registration No. 33,986  Address: OSHA & MAY L.L.P.  1221 McKinney, Suite 2800  Address: OSHA & MAY LL.P.  Country: USA  Z[P: 77010  Additional name(s) & address(es)  Pes Signature  Folia figurate  Neesecution date of the application is: 05/14/04; 05/17/04  B. Patent No.(s)  B. Patent No.(s)  6. Total number of applications and patents involved:  1 Total fee (37 CFR 3.41):	☐ Security Agreement ☐ Change of Name	City: Kyoto State/Prov.:	
4. Application number(s) or patent numbers(s):  If this document is being filed together with a new application, the execution date of the application is: 05/14/04; 05/17/04  Patent Application No. Filing date  B. Patent No.(s)  05/27/2004 HTEXKLUI 00000086 10853501  02 FC:8021  40.00 0P  Additional numbers □ Yes ☒ No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Jonathan P. Osha  Registration No. 33,986  Address: OSHA & MAY L.L.P.  1221 McKinney, Suite 2800  □ Authorized to be charged to deposit account  □ Authorized to be charged to deposit account  □ Authorized to be charged to deposit account  ■ Do Not Use This Space  7. Otal number:  50-0591  Country: USA  ZIP: 77010  QAttach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  7. Otal number of pages including cover sheet, attachments, and	☐ Other	Country: JAPAN ZIP: 600-8530	
If this document is being filed together with a new application, the execution date of the application is: 05/14/04; 05/17/04  Patent Application No. Filing date  B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Jonathan P. Osha  Registration No. 33,986  Address: OSHA & MAY L.L.P.  1221 McKinney, Suite 2800  City: Houston  City: Houston  State/Prov.: TX  Country: USA  ZIP: 77010  Do Not Use This Space  Name of Person Signing  Signature  Total number of applications and patents involved:  1  Additional numbers  6. Total number of applications and patents involved:  1  Additional number of applications and patents involved:  1  7. Total fee (37 CFR 3.41):\$ 40,00  ⊠ Enclosed - Any excess or insufficiency should be credited or debited to deposit account  □ Authorized to be charged to deposit account  8. Deposit account number:  50-0591  (Attach duplicate copy of this page if paying by deposit account)  Do Not Use This Space  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.  Name of Person Signing  Signature  Total number of applications is:  05/11/04  Additional number of applications and patents involved:  1  Additional number of applications and patent	Execution Date: 05/14/04; 05/14/04; 05/17/04; 05/17/04	Additional name(s) & address(es) ☐ Yes ☒ No	
Additional numbers	If this document is being filed together with a new application	on, the execution date of the application is: 05/14/04; 05/17/04	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Jonathan P. Osha  Registration No. 33,986  Address: OSHA & MAY L.L.P.  1221 McKinney, Suite 2800  □ Authorized to be charged to deposit account  8. Deposit account number:  City: Houston  Country: USA  Country: USA  State/Prov.: TX  DO NOT USE THIS SPACE  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.  Name: Jonathan P. Osha  7. Total fee (37 CFR 3.41):\$  40.00  Send of the charged to deposit account  8. Deposit account number:  50-0591  (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  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.    Name of Person Signing   Signature	02 FC:8021 40.00 OP	s □ Yes Ⅺ No	
Name: Jonathan P. Osha  Registration No. 33,986  Address: OSHA & MAY L.L.P.  1221 McKinney, Suite 2800  City: Houston  Country: USA  ZIP: 77010  DO NOT USE THIS SPACE  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.  Name: Jonathan P. Osha  7. Total fee (37 CFR 3.41):\$ 40.00  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  8. Deposit account number:  50-0591  (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  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.  Name of Person Signing  Total number of pages including cover sheet, attachments, and			
Registration No. 33,986  Address: OSHA & MAY L.L.P.  1221 McKinney, Suite 2800  Authorized to be charged to deposit account  8. Deposit account number:  City: Houston  State/Prov.: TX  Country: USA  ZIP: 77010  Authorized to be charged to deposit account  (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  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.  DO NOT USE THIS SPACE  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.  Signature  Total number of pages including cover sheet, attachments, and		6. Total number of applications and patents involved: 1	
Address: OSHA & MAY L.L.P.  1221 McKinney, Suite 2800  Authorized to be charged to deposit account  8. Deposit account number:  City: Houston  Country: USA  ZIP: 77010  Country: USA  State/Prov.: TX  DO NOT USE THIS SPACE  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.  May 25, 2004  Name of Person Signing  Total number of pages including cover sheet, attachments, and	Name: Jonathan P. Osha	7. Total fee (37 CFR 3.41):\$ 40.00	
Address: OSHA & MAY 25, 2004  1221 McKinney, Suite 2800  Authorized to be charged to deposit account  8. Deposit account number:  50-0591  (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  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.    DO NOT USE THIS SPACE   May 25, 2004	Registration No. 33,986	☐ Enclosed - Any excess or insufficiency should be	
8. Deposit account number:  City: Houston State/Prov.: TX 50-0591  Country: USA ZIP: 77010 (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  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.    DO NOT USE THIS SPACE	Address: OSHA & MAY L.L.P.	credited or debited to deposit account	
City: Houston State/Prov.: TX 50-0591  Country: USA ZIP: 77010 (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  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.  May 25, 2004  Name of Person Signing Signature  Total number of pages including cover sheet, attachments, and	1221 McKinney, Suite 2800	Authorized to be charged to deposit account	
Country: USA  ZIP: 77010  (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  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.  May 25, 2004  Name of Person Signing  Signature  Total number of pages including cover sheet, attachments, and		8. Deposit account number:	
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.  May 25, 2004  Name of Person Signing  Total number of pages including cover sheet, attachments, and	City: Houston State/Prov.: TX	50-0591	
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.	Country: USA ZIP: 77010	(Attach duplicate copy of this page if paying by deposit account)	
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.		T USE THIS SPACE	
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Name of Person Signing Signature  Total number of pages including cover sheet, attachments, and	DUATHAD OSDA #33.580 (3	May 25, 2004	

## **ASSIGNMENT**

譲渡証

本証末尾に署名した者(以下、「発明者」という) は、適正・相当な対価を受領しており、それが十分な 対価であることを認識した上で、

(氏名または組織名)

(住所)

(以下「会社」という)と、その承継人および譲受人 に対して、

(発明の名称)

という名称で知られ、アメリカ合衆国において末尾署名者が特許申請をした発明(以下、「発明」という)にかかるアメリカ合衆国(その属領、支配地を含むがこれに限らない)におけるすべての権利、権原および利権を、当該特許申請、その分割、継続、一部継続、再発行及び延長、並びに、それらに対して与えられる全ての米国特許証とともに譲渡する。かかる利権とは、「会社」、その承継人、譲受人、またはそれらの法的代理人の上記申請に対する、及び、特許証が与えられたときはそれに対する、本譲渡が行われなかった場合に「発明者」に対して特許証が与えられ、また延長されることにより享受しうると同一の期間にわたる完全な所有権を意味する。

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as "INVENTOR(S)") hereby assign, transfer and set over to:

## OMRON CORPORATION

having the following address:

801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, KYOTO 600-8530 JAPAN

(referred to herein as "COMPANY"), its successors and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention known by the following title:

## CONTACT CONSTRUCTION FOR DC LOADS AND SWITCHING DEVICE HAVING THE CONTACT CONSTRUCTION

for which the undersigned has/have executed an application for patent in the United States of America (referred to herein as "INVENTION"), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

1

PATENT REEL: 015385 FRAME: 0130 さらに、本証末尾に署名した発明者は、それぞれ、以下のとおり同意する。

- 1. 発明」に関するアメリカ合衆国における特許申請の出願に関して、更に必要な又は望ましく、適法かつ適切な書類に署名、執行すること。これには、上記申請及びそれらの分割、継続、一部継続、修正を全て含み、更に、それらに関するインターフェアレンス手続、その他「会社」が権限を保持するために必要もしくは望ましいものが含まれるが、その限りではない。
- 2. 工業所有権の保護に関する国際条約またはそれに類する条約や協定の下で優先権の主張その他のために必要な、書面、書類の執行及び合法的行為を遂行すること。
- 3. 有効かつ強制力のある特許を「会社」が得るために必要なあらゆる合法かつ積極的な行為をすること。

本証末尾に署名した「発明者」は、それぞれ、アメリカ合衆国特許商標庁長官に対して、当該特許申請 (それに基づくすべての分割、継続、一部継続、再発行申請を含むがそれに限らない)から生じるすべ ての特許証を「会社」に対して発行するよう授権 し、かつ、請願する。

本証末尾に署名した「発明者」は、それぞれ、本証の登記にあたりアメリカ合衆国特許商標庁の規則に従って必要もしくは望ましい識別情報を本譲渡証に挿入する権限をオーシャ&メイ法律事務所に授与する。

In addition, the undersigned INVENTOR(S) each hereby agrees:

- 1. To sign and execute any further documents which may be necessary or desirable, lawful and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- 3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation in part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA & MAY L.L.P. 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 Unites States Patent and Trademark Office for the recordation of this document.

2

PATENT REEL: 015385 FRAME: 0131

	(署名)
年月日	氏名(楷書):
	(署名)
年月日	氏名(楷書):
	(署名)
年月日	氏名(楷書):
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年月日	氏名(楷書):
譲渡証は	<b>はアメリカ合衆国のいずれかの州の公証人また</b>
下記に署	<b>署名する2名の証人の面前で署名されるものと</b>
·る。	<b>7</b>
<i>E</i> = 5	(署名)
午月日	氏名(楷書):
	(署名)
年月日	氏名(楷書):

米国申請シリアル番号:

申請日:

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature

May 14, 2004 Date	<u>Jetinya nori</u> Name: Tetsuya MORI
hey 14, 2004 Date	Johns Januar AMAZAKI
Date	Name: Kazuhiro TSUTSUI
Date	Name: Susumu SATO
Date	Name:
This Assignment may be signed before a Notary  Public for one of the States of the United States or before two witnesses who sign below:  May 14, 2004	
Where this Assignment is <u>not</u> filed concurrently with the	
patent application, the following identifying information	
may be added after execution:	
U.S. Application Serial No.:	
Filing Date:	

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## 以上を確認の上、下記の者が下記署名に並んで記された日に各自署名して本譲渡証を発効させた。

	(署名)
年月日	氏名(楷書):
	(署名)
年月日	氏名(楷書):
	(署名)
年月日	氏名(楷書):
	(署名)
年月日	氏名(楷書):
	(署名)
年月日	氏名(楷書):
	(署名)
年月日	氏名(楷書):
本譲渡証は	アメリカ合衆国のいずれかの州の公証人また
は下記に署	名する2名の証人の面前で署名されるものと
する。	
	(署名)
年月日	氏名(楷書):
	(署名)
	氏名(楷書):
	特許申請書と同時に提出 <u>されなかった</u> 場合、
下記識別情	報が <u>後に</u> 追加されるものとする。
米国申請シ	リアル番号:
申請日:	

RECORDED: 05/25/2004

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature Date Name: Tetsuya MORI Date Name: Takuya YAMAZAKI Date Name: This Assignment may be signed before a Notary Public for one of the States of the United States or before two witnesses who sign below: May 17, 200 K Katsut

Name: Kenichi Matsuo May 17, 2004 Manie Mariko NAKATA Where this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution: U.S. Application Serial No.: Filing Date:

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