

Client Code: WAKAB48.001APC

08-11-1999

09/355191



SHEET

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TO THE ASSISTANT COMMISSIONER

101114480

1. Name of conveying party(ies): (If multiple assignors, list numerically)

Hidefumi Ueda

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

7-21-99

2. Name and address of receiving party(ies):

Name: Kabushiki Kaisha Yaskawa Denki

Address: 2-1, Kurosaki-Shiroishi, Yahatanishi-ku
Kitakyushu-shi, Fukuoka 806-0004 JAPAN

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) July 5, 1999

4. Application number(s) or Patent number(s):

(X) Application(s) filed herewith
Execution Date(s): July 5, 1999

() Patent Application No.:
Filing Date:

() Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

09/355191

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John M. Carson
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach State: CA ZIP: 92660
Attorney's Docket No.: WAKAB48.001APC

7. Total fee (37 CFR 3.41): \$40.00

(X) Enclosed
(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

07/28/1999 UCLAYBRD 00000100 09355191

03 FC:581 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. 40.00 DP

40E

John M. Carson
Name of Person Signing

Signature

Date

7/21/99

34,303
Registration No.

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

S:\DOCS\JMC\JMC-2947.DOC
072199

ASSIGNMENTWHEREAS, I/WE (1) HIDEFUMI UEDA,

a Japanese citizen, residing at c/o Kabushiki Kaisha Yaskawa Denki,
2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka
806-0004 Japan

(2) _____

a _____ citizen, residing at _____

(3) _____

a _____ citizen, residing at _____

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful
improvements in STEP-DOWN DC/DC CONVERTER

the specification of which:

(a) ☒ was executed on even date herewith;

(b) ☐ was filed on _____ as ☐ Application No.

0 / _____ or ☐ Express Mail No., as

Application No. not yet known _____

and was amended on _____
(if applicable); or

(c) ☒ was described and claimed in PCT International Application No. PCT/JP98/00182

filed on January 20, 1998 and as amended under PCT Article 19 on

_____ (if any) and/or under PCT Article 34 on

December 2, 1998 (if any).

AND WHEREAS, KABUSHIKI KAISHA YASKAWA DENKI,

with its principal place of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku,
Kitakyushu-shi, Fukuoka 806-0004 Japan

(hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with
respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby
acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does
hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title,
and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any
Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of
the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority
under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States
of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in
accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 5th day of July, 1999

Hidefumi Ueda
Signature of HIDEFUMI UEDA

This _____ day of _____, 199____

Signature of

This _____ day of _____, 199____

Signature of

Yukinori Satoh

Witness

Witness

Witness