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To the Commissioner for Patents. Please record the attached original document and copies thereof.

1. Name of Conveying Party(ies):

Tatsuya MIWA
Atsumasa KUBOTA
Norihiro IWAMURA
Masaaki OKADA
Naoki TSURUTA
Masaki IKEDA

2. Name and Address of Receiving Party(ies):

Name: Panasonic Electric Works Power Tools Co., Ltd.

Street Address: 33, Okamachi

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date: March 5, 2010

City, State, Zip: Hikone, Shiga 522-8520, Japan

Additional name(s) and address(es) attached.

4. (A) Patent Application Number(s):

12659867

4. (B) Patent Number(s):

If this document is being filed together with a new application, the execution date of the application is: March 5, 2010

Additional Numbers Attached.

Title: CHARGER

Attorney Docket No.: MIWA3006/EM

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: Eugene Mar

Bacon & Thomas, PLLC
625 Slaters Lane Fourth Floor
Alexandria, VA 22314

23364
CUSTOMER NUMBER

Total Number of Applications and Patents Involved: 1

7. Total Fee: (37 CFR 3.41)

\$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account Number: 02-0200

9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Eugene Mar

March 24, 2010

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 4

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ASSIGNMENT

WHEREAS, I (we), Tatsuya MIWA, Atsumasa KUBOTA, Norihiro IWAMURA, Masaaki OKADA, Naoki TSURUTA and Masaki IKEDA

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in CHARGER

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even date herewith

executed on:

filed on:

Serial No.:

established by PCT International Patent Application No.:

filed:

designating the United States of America

WHEREAS, Panasonic Electric Works Power Tools Co., Ltd.

whose post office address is 33, Okamachi, Hikone, Shiga 522-8520, Japan hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the united States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNMENT

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Assignor Name	Tatsuya MIWA	Address	Maibara, Japan
Where Signed	Maibara, Japan		
Date	3 / 5 / 2010	Signature	三輪 達哉
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	Print/Type Name		Print/Type Name
	Signature		Signature

Assignor Name	Atsumasa KUBOTA	Address	Hikone, Japan
Where Signed	Hikone, Japan		
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Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature

Assignor Name	Norihiro IWAMURA	Address	Nagaokakyo, Japan
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Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature

Assignor Name	Masaaki OKADA	Address	Hikone, Japan
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	Signature		Signature

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	Signature		Signature

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Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature