FORM F P25083.1

02 FC:8021

03-29-2004



ECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

nd Trademarks: Please record the attached original documents or copy thereof.

102706827 <del></del>		
1 Name of Conveying party(ies):	2. Name and address of receiving party(ies)	
KIMOTO, Shinya KOBAYASHI, Takaki	Name: PANASONIC EV ENERGY CO., LTD.	
Additional name(s) of conveying party(ies) attached? Yes _X_ No	Internal Address:	
	——————————————————————————————————————	
3. Nature of conveyance:	Street Address: 555, Sakaijyuku, Kosai-shi, Shizuoka	
X Assignment Merger	431-0452 JAPAN	
Security Agreement Change of Name	City: State: ZIP	
Other		
Execution Date: February 17, 2004	Additional name(s) and address(es) attached? Yes _X No	
4. Application number(s) or patent number(s):	5116	
If this document is being filed together with a new application, the execution	on date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers a	attached:Yes <u>X_</u> No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Bruce H. Bernstein	7. Total Fee (37 CFR 3.41)\$ 40.00	
Internal Address: P25083	X Enclosed	
	Authorized to be charged to deposit account	
	8. Deposit account number:	
Street Address: <u>GREENBLUM &amp; BERNSTEIN, P.L.C.</u>	19-0089	
1950 Roland Clarke Place	(Attach duplicate copy of this page if paying by deposit account)	
City: Reston State: VA ZIP: 20191		
DO NOT US	SE 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. $V_{22} = 16, 23, 230, 36, 36, 36$	
Bruce H. Bernstein, Reg. No. 29,027 Ly Name of Person Signing	Signature Date	
Total number of pages including cover	sheet, attachments and document:3_	
	ith required cover sheet information to: tes Patent and Trademark office, Mail Stop Assignments	

**40.00** P PO Box 1450 Alexandria, Virginia 22313-1450

**PATENT REEL: 015131 FRAME: 0479** 

## ASSIGNMENT

WHEREAS, Shinya Kimoto, a citizen of Japan, whose post office address is 555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 JAPAN and Takaki Kobayashi, a citizen of Japan, whose post office address is 555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 JAPAN, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

PATTTPV	DACK	APPARATUS	3
DALIGHT	$\Gamma M C N$	AL LAUATON	3

for which they have executed an application for Letters Patent of the United States in the United States Patent and Trademark Office on the date(s) indicated below.

AND WHEREAS, PANASONIC EV ENERGY CO., LTD., a corporation organized and existing under the laws of Japan, whose post-office address is 555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 JAPAN, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective dates indicated below.

PATENT REEL: 015131 FRAME: 0480

Witnessed by:			
		Shinya Kimoto	To brians 17, 2004
	Date	Shinya Kimoto	The bruary, 17, 2004 Date
	Date		
Witnessed by:			
	Date	Takaki Kobaya	She February, 17.2009 Date
			24.0
	Date		
Witnessed by:			
	Date		Date
	Date	<del></del>	
Witnessed by:			
	Date		Date
	Date		
Witnessed by:			
	Date		Date
	Date		

**RECORDED: 03/23/2004** 

PATENT REEL: 015131 FRAME: 0481