FORM PTO-1595 (modified)	07-08-2	2002	EET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
To the Honorable Assistant Secretary and C or copy(ies) thereof.	102144		ese record	d the attached original document(s)		
Name of conveying party(ies):		2. Name and address of receiving party(ies):				
Mikitaka TAMAI; Yasushi INOUE; and $6-27-02$ Hiroki TERAOKA		Name: SANYO ELECTRIC CO., LTD.				
Additional name(s) of conveying party(ies) attached? No			Street Address: 5-5, Keihanhondori 2-chome, <u>Moriguchi-shi, Osaka Japan 570-3377</u>			
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: June 20, 2002			Additional name(s) & address(es) attached?			
4. Application number(s) or patent num	nber(s): //18XA/	21				
If this document is being filed together A. Patent Application No.(s)		B. Patent , issue	No.(s) d	e application is: <u>June 20, 2002</u>		
	Additional number	1				
Name and address of party to whom concerning document should be mai		6. lotal r	number of applic	ations and patents involved: $\underline{1}$		
Name: WENDEROTH, LIND & PONACK, L.L.P. Attn: Michael S. Huppert , Esq.			7. Total fee (37 CFR 3.41)\$40.00 X Enclosed (Check No. 50903)			
Street Address: 2033 K Street, N.V	Authorized to be charged to deposit account					
City: Washington, State: DC ZIP: 20006-1021			8. Deposit account number: 23-0975 (Attach duplicate copy of this page if paying by deposit account)			
	DO NOT USE T		duplicate copy of the	is page if paying by deposit decoding		
9. Statement and signature. To the best of my knowledge and belief, original document. Michael S. Huppert , Reg. No. 40,268 Name of Person Signing	the foregoing information Mushad Signature	n is true and Tuyppin	<u>Jur</u> Dat	ne 27, 2002		
OMB No. 0651-0011 (exp. 4/94)			THE COMMISS	ONER IS AUTHORIZED		
Mail documents to be recorded with required cover sheet information: Commissioner and Assistant Secret			TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975			
/02/2002 NMEKONEN 00000081 10180091	Box Assig	nments				
Public burden reporting for this sample cover time for reviewing the document and gather comments regarding this burden estimate to Washington, D.C. 20231, and the Office of 20503.	ring the data needed, and o the U.S. Patent and Trac	verage about completing demark Office	and reviewing the ce, Office of Inforr	sample cover sheet. Send nation Systems, PK2-1000C,		

PATENT REEL: 013048 FRAME: 0777

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned
	Mikitaka TAMAI,
	Yasushi INOUE, and
nsort Name(s) of Inventor(s)	Hiroki TERAOKA
	the undersigned hereby sell(s) and assign(s) to
Insert Name(s) of Assignee(s)	SANYO ELECTRIC CO., LTD.
Address	of 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka Japan 570-8677
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
	Battery Pack and its Method of Manufacture
Title of Invention	
•	for which an application for patent in the United States has been executed by the undersigned on
Date of Signing Application	June. 20. 2002
	The year development across (a) to assess the all managements are secured to a secure of the secure

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) 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.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

PATENT REEL: 013048 FRAME: 0778 The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, 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 United States Patent Office for recordation of this document.

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

Date <u>June 20, 2002</u>		mikitaka	Jamai	(Mikitaka Tamai)
Date June 20. 2002	_, Name of Inventor	- Kasushi 9	ne	(Yasushi Inoue)
Date June . # 2002	, Name of Inventor	-1-0	acken	(Hiroki Teraoka)
Date	, Name of Inventor			
Date	, Name of Inventor			
Date	_, Name of Inventor			
(This assignment should pref Inventor(s) should be witnessed b Witness	y at least two witnesse	s who sign here.)		ot, then the execution by the
171000				
	ACKNOV	VLEDGMEN	NT	
	} ss			
This	day of		, 19	, before me
personally came the above-name	I			
			4, m, 100 m	
to me personally known as the in (they) executed the same of his (t	dividual(s) who execut heir) own free will for	ted the foregoing assign the purposes therein se	ment, who did t forth.	I acknowledge to me that he
SEAL	Official Signature		gnature	
SEAL			Official	Prist
The above application may b	e more particularly ide	entified as follows:	Odiciai	Vire
U.S. Application Serial No.		Filing D	ate	
	rence NoAtty. Docket No			

RECORDED: 06/27/2002

PATENT REEL: 013048 FRAME: 0779