

4-25-00

05-10-2000



To the Honorable Commissioner of Patents

Please record the attached original documents or copy thereof.

101351796

TN. BOX ASSIGNMENTS

1. Name of conveying parties:

1) Gen TAKAYAMA
2) Toshiya TERUI
3) Nobuo KAWAMURA

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party:

Name: Toshiba Battery Co., Ltd.

Internal Address:



3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other

Execution Date: April 4, 2000

Street Address: 4-10, Minamishinagawa 3-chome, Shinagawa-ku, Tokyo, Japan

City:

State: | Zip Code: |

Additional name(s) & Address(es) attached?
 Yes No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: April 4, 2000

A. Patent Application Number:

B. Patent Number: 09/557774

Additional numbers attached? Yes No

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

Name: Mr. Ernest F. Chapman

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington

State: DC Zip: 20005-3315

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

8. Deposit account number: 06-0916

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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.

Richard V. Burgujian [Signature] April 25, 2000

Registration No. 31,744 Signature Date

Total number of pages including cover sheet, attachments and documents: 2

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

MANUFACTURING METHOD OF BATTERIES

(Title of Invention)

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on _____, 19 _____ (Serial No. _____); and

WHEREAS, TOSHIBA BATTERY CO., LTD.

(Full Name of Assignee)

a corporation of Japan

(Country of Incorporation)

whose post office address is 4-10, Minamishinagawa 3-chome, Shinagawa-ku, Tokyo, Japan

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Gen TAKAYAMA	ASSIGNOR'S SIGNATURE <i>Gen Takayama</i>	DATE <i>Apr. 4, 2000</i>
ADDRESS SY Mansion 301, 8-2, Tsukunawa-machi, Takasaki-shi, Gunma-ken, Japan		CITIZENSHIP Japan
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Toshiya TERUI	ASSIGNOR'S SIGNATURE <i>Toshiya Terui</i>	DATE <i>Apr. 4, 2000</i>
ADDRESS 25-4, Higashiabiko 2-chome, Abiko-shi, Chiba-ken, Japan		CITIZENSHIP Japan
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Nobuo KAWAMURA	ASSIGNOR'S SIGNATURE <i>Nobuo Kawamura</i>	DATE <i>Apr. 4, 2000</i>
ADDRESS 5-22, Kitamikata 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa-ken, Japan		CITIZENSHIP Japan
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP