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Hiroshi FUKUNAGA Mitsuhiro KISHIMI Masao MORISHIMA Toshihiko YAMASHITA	Hitachi Maxell Ltd. 1-88, Ushitora 1-chome Ibaraki-shi, Osaka JAPAN
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Kushibe Manufacturing Co., Ltd. 6-13, Mitsuyanaka 2-chome, Yodogawa-ku Osaka-shi, Osaka JAPAN
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Execution Date: Fukunaga & Kishimi: June 23, 2004 Morishima & Yamashita: June 28, 2004	Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 is:	
A. Patent Application No.(s) 29/208,225	B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1
Martin G. Belisario AKIN GUMP STRAUSS HAUER & FELD LLP One Commerce Square 2005 Market Street, Suite 2200 Philadelphia, PA 19103 Direct Dial: 215-965-1303 E-mail: mbelisario@akingump.com	7. Total fee (37 CFR 3.41).....\$40 <input checked="" type="checkbox"/> Check enclosed <input checked="" type="checkbox"/> Authorization to charge deficient fees or credit any overpayment to Deposit Account.
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Martin G. Belisario Name of Person Signing	<i>Martin G. Belisario</i> Signature
	<i>Aug. 26, 2004</i> Date
Total number of pages including cover sheet, attachments, and documents: 4	

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PATENT
REEL: 015737 FRAME: 0595

**ASSIGNMENT
(PATENT APPLICATION)**

WHEREAS, WE, ("ASSIGNORS"):

<u>Inventor</u>	<u>Citizenship</u>	<u>Address</u>
Hiroshi FUKUNAGA	Japanese	c/o Hitachi Maxell Ltd. 1-88, Ushitoria 1-chome Ibaraki-shi, Osaka JAPAN
Mitsuhiro KISHIMI	Japanese	c/o Hitachi Maxell Ltd. 1-88, Ushitoria 1-chome Ibaraki-shi, Osaka JAPAN
Masao MORISHIMA	Japanese	16-28, Mitsuyaminami 1- chome, Yodogawa-ku, Osaka-shi, Osaka JAPAN
Toshihiko YAMASHITA	Japanese	3-24, Niitaka 5-chome, Yodogawa-ku, Osaka-shi Osaka, JAPAN

having invented a certain new and useful invention entitled:

PLANAR BATTERY ELECTRODES BASE

for which a United States patent application is to be filed or has been filed on June 25, 2004
under U.S. Design Patent Application No. 29/208,225; and

WHEREAS, ("ASSIGNEES"):

Hitachi Maxell Ltd. (a Japanese Corporation)
1-88, Ushitoria 1-chome
Ibaraki-shi, Osaka
JAPAN

-- and --

Kushibe Manufacturing Co., Ltd. (a Japanese Corporation)
6-13, Mitsuyanaka 2-chome
Yodogawa-ku, Osaka-shi

Osaka, JAPAN

are desirous of acquiring the entire right, title and interest in and to the invention throughout the United States, and all right, title and interest in, to and under any and all Letters Patent of the United States and all countries throughout the world;

FOR GOOD and VALUABLE CONSIDERATION, the full receipt and sufficiency of which are hereby acknowledged, ASSIGNOR, intending to be legally bound, does hereby:

AUTHORIZE said ASSIGNEES, or its representatives to insert above the filing date and application number of the application when these are known;

SELL, ASSIGN, TRANSFER and CONVEY to ASSIGNEES the whole and entire right, title and interest for the United States and its possessions and territories and to the invention which is disclosed in the above-identified patent application, and, in and to any and all patent applications related thereto including, but not limited to, all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues and all other applications for patent which have been or shall be filed in the United States on the invention; all original, reissued and reexamined patents and extensions thereof which have been or shall be issued in the United States on the invention to the full end of the term or terms for which the patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this Assignment not been made; and specifically including all rights of priority created by the above patent application under any treaty, convention or law relating thereto;

AUTHORIZE and REQUEST the issuing authority to issue any and all United States and foreign patents granted on the invention to ASSIGNEES;

WARRANT and REPRESENT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by ASSIGNORS, and that the full right to convey the same as herein expressed is possessed by ASSIGNORS;

AGREE and UNDERTAKE, when requested and at the expense of ASSIGNEES, to carry out in good faith the intent and purpose of this Assignment, ASSIGNORS will execute all non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues, and all other patent applications on the invention; execute all lawful oaths, declarations, assignments, powers of attorney and other papers; communicate to ASSIGNEES all facts known to ASSIGNORS relating to the invention and the history thereof; and generally do everything possible which ASSIGNEES shall consider desirable for vesting title to the invention in ASSIGNEES, and for securing, maintaining and enforcing proper patent protection for the invention; all without further compensation to ASSIGNORS;

TO BE BINDING on the heirs, assigns, representatives and successors of ASSIGNORS and extending to the successors, assigns, and nominees of ASSIGNEES.

23, June, 2004

Date

Hiroshi Fukunaga

Hiroshi FUKUNAGA

23. June 2004

Date

Mitsuhiro Kishimi

Mitsuhiro KISHIMI

28. June. 2004

Date

MASAO MORISHIMA

Masao MORISHIMA

28. June, 2004

Date

Toshihiko Yamashita.

Toshihiko YAMASHITA