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U.S. DEPARTMENT OF COMMERCE
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102392582

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Tetsuo KAWAI **Hideki NISHIHAMA**
Atsushi YAMANO
Noriyuki YABUSHITA
Tadashi SAKATA **3-17-03**
Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: **Hitachi Maxell, LTD.**
Address: **1-1-88, Ushitora, Ibaraki-shi**

City: **Osaka** State/Prov.:
Country: **JAPAN** ZIP: **567-8567**
Additional name(s) & address(es) Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: **January 10, 2003**

4. Application number(s) or patent numbers(s):
If this document is being filed together with a new application, the execution date of the application is:
Patent Application No. Filing date
10/316,170 **December 10, 2002**
Additional numbers

B. Patent No.(s)
 Yes No
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5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Jonathan P. Osha**
Registration No. **33,986**
Address: **ROSENTHAL & OSHA L.L.P.**
1221 McKinney Street, Suite 2800

City: **Houston** State/Prov.: **Texas**
Country: **USA** ZIP: **77010**

6. Total number of applications and patents involved: **1**
7. Total fee (37 CFR 3.41):.....\$ **40.00**
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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.
Thomas K. Scherer, Reg. No. 45,079 **March 7, 2003**
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and **5**

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ASSIGNMENT

讓渡証

本証末尾に署名した者（以下、「発明者」という）は、
適正・相当な対価を受領しており、それが十分な対価である
ことを認識した上で、

（氏名または組織名）

（住所）

（以下「会社」という）と、その承継人および譲受人に対して、

（発明の名称）

という名称で知られ、アメリカ合衆国において末尾署名者が
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その分割、継続、一部継続、再発行及び延長、並びに、
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かかる利権とは、「会社」、その承継人、譲受人、またはそれらの
法的代理人の上記申請に対する、及び、特許証が与えられたときは
それに対する、本譲渡が行われなかった場合に「発明者」に対して
特許証が与えられ、また延長されることにより享受しうると同一の
期間にわたる完全な所有権を意味する。

For good and valuable consideration, the receipt and
sufficiency of which are hereby acknowledged, the undersigned
individual(s) (referred to herein as "INVENTOR(S)") hereby
assign, transfer and set over to:

HITACHI MAXELL, LTD.

having the following address:

1-1-88, Ushitora, Ibaraki-shi, Osaka 567-8567, JAPAN

(referred to herein as "COMPANY"), its successors and assigns,
the entire right, title, and interest for the United States of
America (including without limitation its territories and
possessions) in and to the invention known by the following
title:

NON-AQUEOUS ELECTROLYTE BATTERY

for which the undersigned has/have executed an application for
patent in the United States of America (referred to herein as
"INVENTION"), together with said patent application, all
divisions, continuations, continuations-in-part, reissues, and
extensions thereof, and all United States Letters Patent which
may be granted therefor. Such interest represents the entire
ownership of said applications and Letters Patent when granted
and is to be owned by COMPANY, its successors, and assigns,
or their legal representatives, for the full and entire term for
which such Letters Patent may be granted or extended, as fully
and entirely as the same would have been enjoyed by the
INVENTOR(S) if this assignment had not been made.

さらに、本証末尾に署名した発明者は、それぞれ、以下のとおり同意する。

1. 「発明」に関するアメリカ合衆国における特許申請の出願に関して、更に必要な又は望ましく、適法かつ適切な書類に署名、執行すること。これには、上記申請及びそれらの分割、継続、一部継続、修正を全て含み、更に、それらに関するインターフェアレンス手続、その他「会社」が権限を保持するために必要もしくは望ましいものが含まれるが、その限りではない。
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3. 有効かつ強制力のある特許を「会社」が得るために必要なあらゆる合法かつ積極的な行為をすること。

本証末尾に署名した「発明者」は、それぞれ、アメリカ合衆国特許商標庁長官に対して、当該特許申請（それに基づく全ての分割、継続、一部継続、再発行申請を含むがそれに限らない）から生じる全ての特許証を「会社」に対して発行するよう授權し、かつ、請願する。

本証末尾に署名した「発明者」は、それぞれ、本証の登記にあたりアメリカ合衆国特許商標庁の規則に従って必要もしくは望ましい識別情報を本譲渡証に挿入する権限をローゼンタール・アンド・オーシャ法律事務所に授与する。

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INTENTOR(S) each hereby grants to the firm of ROSENTHAL & OSHA L.L.P. 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 and Trademark Office for the recordation of this document.

以上を確認の上、下記の者が下記署名に並んで記された日に各自署名して本譲渡証を発効させた。

(署名)

 年月日 氏名 (楷書):

(署名)

 年月日 氏名 (楷書):

(署名)

 年月日 氏名 (楷書):

(署名)

 年月日 氏名 (楷書):

(署名)

 年月日 氏名 (楷書):

(署名)

 年月日 氏名 (楷書):

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature.

Jan 10, 2003 Tetsuo Kawai
 Date Typed Name: Tetsuo KAWAI

January 10, 2003 Atsushi Yamano
 Date Typed Name: Atsushi YAMANO

January 10, 2003 Noriyuki Yabushita
 Date Typed Name: Noriyuki YABUSHITA

Jan 10 2003 Tadashi Sakata
 Date Typed Name: Tadashi SAKATA

Jan. 10, 2003 Hideki NISHIHAMA
 Date Typed Name: Hideki NISHIHAMA

 Date Typed Name:

 Date Typed Name:

本譲渡証はアメリカ合衆国のいずれかの州の公証人または下記の署名する2名の証人の前で署名されるものとする。

This Assignment may be signed before a Notary Public for one of the States of the United States or before two witnesses who sign below:

(署名)

 年月日 氏名 (楷書):

(署名)

 年月日 氏名 (楷書):

January 10, 2003 Hiroaki Ono
 Date Typed Name: Hiroaki ONO

January 10, 2003 Sachiko Inoguchi
 Date Typed Name: Sachiko INOGUCHI

本譲渡証が特許申請書と同時に提出されなかった場合、下記識別情報が後に追加されるものとする。
 米国申請シリアル番号:
 申請日:

Where this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:
 U.S. Application Serial No.: 10/316,170
 Filing Date: December 10, 2002