

A/D 581-40

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DT04 Res'd PCT/PTO 13 NOV 2002

Atty. Docket No.: 0152-0612P

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02-25-2003

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To the Honorable
Please receive

102372370

Remarks:
by thereof.

1. Name of conveying party(ies):
[FAMILY NAME (ALL CAPS), Given Name]
NISHIMURA, Yoshifumi
SEGAWA, Takuya 11.13.02
Additional name(s) of conveying party(ies) attached?
 YES NO

2. Name and address of receiving party(ies)
Name: **ASAHI KASEI KABUSHIKI KAISHA**
Internal Address:
Street Address: **2-6, Dojimahama 1-chome, Kita-ku**
City: **Osaka** State: ZIP:
Country: **JAPAN** Postal Code:

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:
Execution Date: **October 24, 2002**

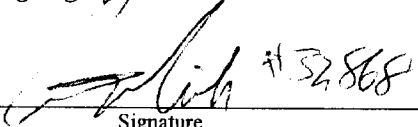
Additional name(s) & address(es) attached? YES NO

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 is: **October 24, 2002**
A. Patent Application No(s). **NEW**
B. Patent No.(s).
Additional numbers attached? YES NO

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**
Street Address: **P.O. BOX 747**
City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**
Country: **USA**

6. Total No. of applications/patents involved: **ONE (1)**
7. Total fee (37 C.F.R. § 3.41): **\$40.00**
 Enclosed
 Authorized to be charged to deposit account, if no fee attached.
8. Deposit account number: **02-2448**
(Attach triplicate copy of this page if paying by deposit account)

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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.
Raymond C. Stewart, #21,066
Name of Person Signing/Reg. No.  #32,868
November 13, 2002
Date

Total number of pages including cover sheet, attachments, and document: **TWO (2)**

RCS/sll

(Rev. 02/11/02)

PATENT
REEL: 013769 FRAME: 0133

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ASSIGNMENT

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by ASAHI KASEI KABUSHIKI KAISHA, a corporation organized under the laws of Japan, located at 2-6, Dojimahama 1-chome, Kita-ku, Osaka, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said ASAHI KASEI KABUSHIKI KAISHA, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

"SEPARATOR FOR METAL/HALOGEN BATTERIES"

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith,

and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said ASAHI KASEI KABUSHIKI KAISHA, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said ASAHI KASEI KABUSHIKI KAISHA.

Signed on the date(s) indicated aside signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)	WITNESSES (立会人サイン)
1)	<u>Yoshifumi Nishimura</u> Yoshifumi NISHIMURA	<u>October 24, 2002</u>	<u>Yoko Saito</u>
2)	<u>Takuya Segawa</u> Takuya SEGAWA	<u>October 24, 2002</u>	<u>Yoko Saito</u>
3)	_____	_____	_____
4)	_____	_____	_____
5)	_____	_____	_____
6)	_____	_____	_____
7)	_____	_____	_____
8)	_____	_____	_____
9)	_____	_____	_____