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Assistant Commissioner for Patent

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document.

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1. Name of conveying party(ies):
Hideaki UEHARA, Toru YOSHIKAWA, Yan HU
Shouichi SASAKI, Yasuhiro YANO, Takafumi
DOUDOU

2. Name and address of receiving party(ies):
Hitachi Chemical Co., Ltd.
1-1, Nishi-Shinjuku 2-chome
Shinjuku-ku, Tokyo, JAPAN



Additional name(s) attached? Yes No

Additional names/addresses attached? Yes No

3. Nature of conveyance:
 Assignment
 Merger
 Security Agreement
 Change of Name
 Other:

Execution Date: July 2, 1998

4. Application number(s) or patent number(s):
If this document is being filed with a new application, the execution date of the application is:
A. Patent Application No.(s): 09/065,157
B. Patent No.(s):

Additional numbers attached? Yes No

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

John C. Phillips
Fish & Richardson P.C.
601 Thirteenth Street, N.W.
Washington, DC 20005

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40
 Enclosed
 Authorized to charge deposit account

8. Deposit account number: 06-1050
If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

John C. Phillips REG. No. 35,322
Name of Person Signing

John C. Phillips
Signature

July 10, 1998
Date

Total number of pages including cover sheet, attachments, and document: 3

FISH & RICHARDSON

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

Hitachi Chemical Co., Ltd.

having the address:

1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo, JAPAN

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the Title:

Composition for Forming Electrolyte for Solid Electrolytic Capacitor, and Solid Electrolytic Capacitor

Attorney Docket No. 09852/003001

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No. 09/065,157

Filing Date: April 23, 1998

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension or interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.
2. 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.
3. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.
4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.
5. The undersigned hereby grant(s) to the attorney(s) of record 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 recordation of this document.

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

July 2, 1998
Date

Hideaki Uehara
Typed Name: Hideaki UEHARA

July 2, 1998
Date

Toru Yoshikawa Toru Yoshikawa
Typed Name: Toru YOSHIKAWA

July 2, 1998
Date

Yan Hu
Typed Name: Yan Hu

July 2, 1998
Date

Shouichi Sasaki
Typed Name: Shouichi SASAKI

*Additional assignors (please see below)

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

July 2, 1998
Date

Nobuo Ogawa
Typed Name: Nobuo OGAWA

July 2, 1998
Date

Takeshi Sekine
Typed Name: Takeshi SEKINE

** Additional assignors

July 2, 1998
Date

Yasuhiro Yano
Typed Name: Yasuhiro YANO

July 2, 1998
Date

Takafumi DouDou
Typed Name: Takafumi DOUDOU