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Patent and Trademark Office

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To the Honorable Commissioner
Please record the attached or

102386185

1. Name of conveying party(ies):

Atsuhiko OSUKA

11-8-02

2. Name and address of receiving party(ies):

Name: Japan Science and Technology Corporation

Internal Address:

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

Street Address: 1-8, Hon-cho 4-chome

Kaawaguchi-shi

City: Saitama-ken State: Japan ZIP: 332-0012

3. Nature of Conveyance

Assignment

Merger

Security Agreement Change of Name

Other _____

Execution Date: October 16, 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 16, 2002

A. Patent Application No.(s)

10,275694

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: SHERMAN & SHALLOWAY

Internal Address: _____

Street Address: _____

413 North Washington Street

City: Alexandria State: VA

ZIP: 22314

6. Total number of applications and patents
involved:..... [1]

7. Total fee (37 CFR 3.41).....\$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying
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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
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Leonard W. Sherman

Name of Person Signing


Signature

November 8, 2002

Date

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

11/13/2002 LLANDGRA 00000004 10275694

02 FC:8021

40.00 DP

PATENT
REEL: 013817 FRAME: 0351

ASSIGNMENT

WHEREAS, I, Atsuhiro OSUKA, residing at 4-13-7-205, Ohgi no sato, Otsu-shi, Shiga-ken, Japan (hereinafter referred to as INVENTOR), have invented certain new and useful improvement in A NOVEL EXPANDED PORPHYRIN AND A METHOD FOR SYNTHESIS THEREOF; for which an application for United States Letter Patent was signed by me on _____ and assigned Serial Number _____.

WHEREAS, JAPAN SCIENCE AND TECHNOLOGY CORPORATION, a corporation of JAPAN, having a principle place of business at 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama-ken, Japan, (hereinafter referred to as Company), is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations, the said Inventors have sold, assigned and transferred, and by the presents do sell, assign and transfer unto said Company, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent, which may be granted thereof in the United State and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

I hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Company, as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of the said Company, its successors and assigns.

FURTHER, I agree that I will communicate to said Company or its representatives any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Company, make all rightful oaths and generally do everything possible to aid said Companies, its successors and assigns, to obtain and enforce proper protection for said Invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this
16th day of October, 2002.

Signed in the presence of:

Witness: Harumi Miyamoto Signed: A Oka