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11-30-01

Attorney's Docket No. 026350-063

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

1. Name of conveying party(ies):

Hiromichi MORIKAWA, and Misa TAKAHASHI

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

3. Nature of conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name

Other: _____

Execution Date: November 5, 2001

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

Name: Hiroshima University

Address: 1-3-2, Kagamiyama, Higashihiroshima City,

Hiroshima Pref., Japan

Additional name(s) & address(es) attached? [] Yes [X] 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)

09/908,632

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: Robert G. Mukai

Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404

Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: 1

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

[X] Enclosed

[X] Authorized to be charged to deposit account, if necessary

8. Deposit account number:

02-4800

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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.

Robert G. Mukai, Registration No. 28,531
Name of Person Signing

Robert G. Mukai
Signature

November 30, 2001
Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
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12/04/2001 TDIAZI 00000034 09908632

01 FC:581

40.00 DP

ASSIGNMENT

PATENT

SN 09/908,632

WHEREAS, I/WE (1) Hiromichi MORIKAWA
Japanese citizen, residing at c/o HIROSHIMA UNIVERSITY, 1-3-1,
Kagamiyama, Higashihiroshima City, Hiroshima Pref., Japan

(2) Misa TAKAHASHI
Japanese citizen, residing at c/o HIROSHIMA UNIVERSITY, 1-3-1,
Kagamiyama, Higashihiroshima City, Hiroshima Pref., Japan

(3) _____
 a _____ citizen, residing at _____

(4) _____
 a _____ citizen, residing at _____

(5) _____
 a _____ citizen, residing at _____

(6) _____
 a _____ citizen, residing at _____

(7) _____
 a _____ citizen, residing at _____

(8) _____
 a _____ citizen, residing at _____

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in CULTURED CELLS OF AUSTRALIAN LAUREL, PITIOSPORACEAE, the specification of which: AND A METHOD FOR CULTURING TISSUES BY USING SAID CULTURED CELLS

- (a) was executed on even date herewith;
- (b) was filed on July 20, 2001 as Application No. 09/908,632 or Express Mail No., as Application No. not yet known _____ and was amended on _____ (if applicable); or
- (c) was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____ (if any) and/or under PCT Article 34 on _____ (if any).

AND WHEREAS, HIROSHIMA UNIVERSITY
 with its principal place of business at 1-3-2, Kagamiyama, Higashihiroshima City,
Hiroshima Pref., Japan

(hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 5th day of November, 2001

Hiromichi Morikawa
Signature of Hiromichi MORIKAWA

This 5th day of November, 2001

Misa Takahashi
Signature of Misa TAKAHASHI

This ____ day of _____, ____

Signature of

This ____ day of _____, ____

Signature of

This ____ day of _____, ____

Signature of

This ____ day of _____, ____

Signature of

This ____ day of _____, ____

Signature of

This ____ day of _____, ____

Signature of