

A/D581-40

03-04-1999

09/214383



Rec'd PCT/PTO 30 DEC 1998

100979760

U.S. PATENT AND TRADEMARK OFFICE

Case Docket No. 981357	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
RECORDATION FORM COVER SHEET PATENTS ONLY	
MRO 12.30.98	
To the Assistant Commissioner for Patents. 09/214383 Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Masuhiro TSUKADA, Akira SHIRATA and Shoji HAYASAKA Additional name(s) of conveying party(ies) attached? <u>NO</u>	
2. Name and address of receiving party(ies): Name: JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF NATIONAL INSTITUTE OF SERICULTURAL AND ENTOMOLOGICAL SCIENCE MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES Street Address: <u>1-2, Ohwashi, Tsukuba-shi,</u> <u>Ibaraki 305, Japan</u> Additional name(s) & address(es) attached? <u>NO</u>	
3. Nature of conveyance: Assignment Execution Date: October 23, 1998	
4. Title: CHITIN BEADS, CHITOSAN BEADS, METHODS FOR PRODUCING THESE BEADS, CARRIERS COMPRISING THESE BEADS AND METHOD FOR PREPARING MICROSPORIDIAN SPORES	

03/11/1999 00000000 00000000

03 11:00

00 00 00

5. 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 23, 1998

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? NO

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

Name: Armstrong, Westerman, Hattori,
McLeland & Naughton
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006

7. Total number of applications and patents involved: 1

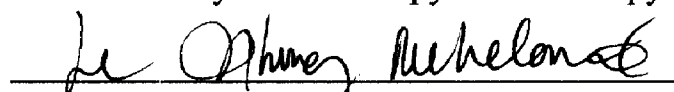
8. Total fee (37 CFR 3.41). \$ 40.00 €

XX Check enclosed

9. Deposit Account No.: 01-2340

10. 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.



Le-Nhung McLeland

Reg. No.: 31,541

Date December 30, 1998

Total number of pages including cover sheet: 3

LNM/yap

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's
Name(s) Address(es))

JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF NATIONAL INSTITUTE OF
SERICULTURAL AND ENTOMOLOGICAL SCIENCE MINISTRY OF AGRICULTURE,
FORESTRY AND FISHERIES of 1-2, Ohwashi, Tsukuba-shi, Ibaraki 305 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

CHITIN BEADS, CHITOSAN BEADS, METHODS FOR PRODUCING THESE BEADS, CARRIERS COMPRISING
THESE BEADS AND METHOD FOR PREPARING MICROSPORIDIAN SPORES

(*If the assignment is
being filed after the filing
of the application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on _____, Serial No. _____.

(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

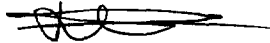


and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

 _____ (SIGNATURE)	<u>Masuhiro TUKADA</u> _____ (TYPE NAME)	<u>Oct. 23, 1998</u> _____ (DATE)
 _____ (SIGNATURE)	<u>Akira SHIRATA</u> _____ (TYPE NAME)	<u>Oct. 23, 1998</u> _____ (DATE)
 _____ (SIGNATURE)	<u>Sho-ji HAYASAKA</u> _____ (TYPE NAME)	<u>Oct. 23, 1998</u> _____ (DATE)

NO LEGALIZATION REQUIRED