

09-22-1999

Attorney Docket No.: 06501/031001

8-16-99

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Assistant Commissioner for Patents: Ple

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ent.

1. Name of conveying party(ies):
Toshio Sone, Akinori Kume, Kazuo Dairiki
and Kohsuke Kino

2. Name and address of receiving party(ies):
Meiji Milk Products Co., Ltd.
3-6, Kyobashi 2-chome, Chuo-ku
Tokyo 104-8381 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: Toshio Sone, July 15, 1999;
Akinori Kume, Kazuo Dairiki and Kohsuke Kino,
July 12, 1999

09308027

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):
09/308,027

B. Patent No.(s):

Additional numbers attached? Yes No

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

Janis K. Fraser, Ph.D., J.D.
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804

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.*

Janis K. Fraser, Ph.D., J.D.
Name of Person Signing

Signature

8/16/99
Date

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

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08/20/1999 PVOLPE 00000081 09308027

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Patents, Washington, D.C. 20231.

Kristy Cioffi
PATENT

REEL: 010244 FRAME: 0191

ASSIGNMENT

For valuable consideration, we, Toshio Sone, of Kanagawa, Japan; Akinori Kume of Kanagawa, Japan; Kazuo Dairiki of Kanagawa, Japan; and Kohsuke Kino of Kanagawa, Japan, hereby assign to Meiji Milk Products Co., Ltd., a Japanese corporation having a place of business at 3-6, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8381 Japan, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest, including, without limitation, the right to sue for past infringement, throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PEPTIDE-BASED IMMUNOTHERAPEUTIC AGENT, filed May 12, 1999, and assigned U.S. Serial Number 09/308,027, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Kanagawa, Japan,
this 15 day of July, 1999
Toshio Sone L.S.
Toshio Sone

Witnessed by : Hiroshi Fujimoto
Name : Hiroshi Fujimoto Date: 19, July, 1999

Witnessed by : Richard Walton
Name : Richard Walton Date: 19, July, 1999

IN WITNESS WHEREOF, I hereto set my hand and seal at Kanagawa, Japan,
this 12 day of July, 1999

Akinori Kume L.S.
Akinori Kume

Witnessed by : Hiroshi Fujimoto
Name : Hiroshi Fujimoto Date: 19, July, 1999

Witnessed by : Richard Walton
Name : Richard Walton Date: 19, July, 1999

IN WITNESS WHEREOF, I hereto set my hand and seal at Kanagawa, Japan,
this 12 day of July, 1999

Kazuo Dairiki L.S.
Kazuo Dairiki

Witnessed by : Hiroshi Fujimoto
Name : Hiroshi Fujimoto Date: 19, July, 1999

Witnessed by : Richard Walton
Name : Richard Walton Date: 19, July, 1999

IN WITNESS WHEREOF, I hereto set my hand and seal at Kanagawa, Japan,
this 12 day of July, 1999

Kohsuke Kino L.S.
Kohsuke Kino

Witnessed by : Hiroshi Fujimoto
Name : Hiroshi Fujimoto Date: 19, July, 1999

Witnessed by : Richard Walton
Name : Richard Walton Date: 19, July, 1999