

10-14-1998

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08/637865

Form PTO-1592 (modified)

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof:

1. Name of Conveying Party or Parties: Hideko Otake, Yasuji Koyama, Tatsuo Horichii and Eiichi Nakano Additional Names of conveying party or parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party or parties: Kikkoman Corporation 339, Noda Noda-shi Japan and Noda Institute for Scientific Research 300, Noda Noda-shi, Chiba-ken Japan Additional Name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>February 25, 1991</u>						
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: _____ <table border="1"> <tr> <td> A. Patent Application Number(s): 07/637,865 Additional Name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> <td> B. Patent Number(s): </td> </tr> </table>				A. Patent Application Number(s): 07/637,865 Additional Name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent Number(s):	
A. Patent Application Number(s): 07/637,865 Additional Name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent Number(s):					
5. Name and address of party to whom correspondence concerning the document should be mailed: Banner & Witcoff, Ltd. 1001 G Street, N.W., Suite 1100 Washington, D.C. 20001-4597 (202) 508-9100		6. Total Number of Applications and patents involved: 7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account* <input checked="" type="checkbox"/> Please charge or credit our deposit account for any additional or refunded fees associated with recording this assignment 8. Deposit Account No.: 19-0733 (in the event additional fees are required)				
Do Not Use this Space						
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. <table border="1"> <tr> <td> <u>Joseph M. Skeroun, Reg. No. 29,864</u> Name of Person Signing </td> <td> Signature </td> <td> <u>October 14, 1998</u> Date </td> </tr> </table>				<u>Joseph M. Skeroun, Reg. No. 29,864</u> Name of Person Signing	 Signature	<u>October 14, 1998</u> Date
<u>Joseph M. Skeroun, Reg. No. 29,864</u> Name of Person Signing	 Signature	<u>October 14, 1998</u> Date				

Total Number of Pages comprising Cover Sheet:

10/16/1998 SSMITH 00000014 190733 07637865

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ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Hideko OTAKE, Yasuji KOYAMA, Tatsuo HORIUCHI and Eiichi NAKANO,

citizens of Japan by KIKKOMAN CORPORATION and NODA INSTITUTE FOR SCIENTIFIC RESEARCH, corporations organized under the laws of Japan, located at 339, Noda, Noda-shi, Japan and 399, Noda, Noda-shi, Chiba-ken, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Hideko OTAKE, Yasuji KOYAMA, Tatsuo HORIUCHI and Eiichi NAKANO,

do hereby sell and assign to said KIKKOMAN CORPORATION and NODA INSTITUTE FOR SCIENTIFIC RESEARCH,

their successors and assigns, all our right, title and interest, in and for the United States of America, ~~xxx~~ "N-ACETYLMANNOSAMINE DEHYDROGENASE GENE AND NOVEL RECOMBINANT DNA AS WELL AS A METHOD FOR PRODUCTION OF N-ACETYLMANNOSAMINE DEHYDROGENASE" in and to RECOMBINANT DNA AS WELL AS A METHOD FOR PRODUCTION OF N-ACETYLMANNOSAMINE DEHYDROGENASE" invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said KIKKOMAN CORPORATION and NODA INSTITUTE FOR SCIENTIFIC RESEARCH,

their ~~xxx~~ Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or 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, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said KIKKOMAN CORPORATION and NODA INSTITUTE FOR SCIENTIFIC RESEARCH.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Hideko Otake</u> (Hideko OTAKE)	February 25, 1991	<u>Yasuo Asao</u>
2) <u>Yasuji Koyama</u> (Yasuji KOYAMA)	February 25, 1991	<u>Yasuo Asao</u>
3) <u>Tatsuo Horichi</u> (Tatsuo HORIUCHI)	February 25, 1991	<u>Yasuo Asao</u>
4) <u>Eiichi Nakano</u> (Eiichi NAKANO)	February 25, 1991	<u>Yasuo Asao</u>
5) _____ ()		
6) _____ ()		
7) _____ ()		

PATENT

REEL: 9348 FRAME: 0668

Patent



Serial No. 07/637,865 BBM&S No. 0118,033382 Atty/Sec. JMS/abv Date 3/21/91
 Inventor Hideko Otake et al. Client Asamura Patent Office
 Title N-Acetylmannosamine dehydrogenase Gene and Novel Recombinant DNA as well as a Method for Production of N-Acetylmannosamine Dehydrogenase
 The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:

<input type="checkbox"/> pp Spec	<input type="checkbox"/> Claims	<input checked="" type="checkbox"/> Petition for Extension of <u>4/4/91</u>
<input checked="" type="checkbox"/> Executed Declaration/Power of Atty	<input type="checkbox"/> Amendment, OA dtd	<input type="checkbox"/> Response: OA dtd
<input type="checkbox"/> Unexecuted Declaration/Power of Atty	<input checked="" type="checkbox"/> Response: Missing Parts Notice dtd <u>2/4/91</u>	<input type="checkbox"/> Rule 1.60 Cont. Div. Application
<input type="checkbox"/> Priority	<input type="checkbox"/> Rule 1.62 Cont. Div. CIP Application	<input type="checkbox"/> Notice of Appeal & Fee
<input type="checkbox"/> Claim of Priority	<input type="checkbox"/> Brief: Appeal & Fee Reply	<input type="checkbox"/> Issue Fee: Advance Patent Copies
<input checked="" type="checkbox"/> Priority Document	<input type="checkbox"/> Letter	<input checked="" type="checkbox"/> Check # <u>5509</u> for \$ <u>100.00</u>
<input type="checkbox"/> Informal Drawings sheets	<input checked="" type="checkbox"/> Check # <u>5510</u> for \$ <u>8.00</u>	<input checked="" type="checkbox"/> Check # <u>5511</u> for \$ <u>3750.00</u>
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<input type="checkbox"/> Information Disclosure Statement		
<input type="checkbox"/> Prior Art		
<input type="checkbox"/> Preliminary Amendment		
<input checked="" type="checkbox"/> Documents entitled:		
<input type="checkbox"/> Submission of Assignment for Recordation		
Submission of Filing Fee and Executed Declaration		
Notice of Change of Address		
Submission of Priority Document		

