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) TRADEMARKS
Please	copy thereof
1. Name of conveying party(ies) Hiroyuki MUKAI Hiroaki SAGAWA Takashi UEMORI Junko YAMAMOTO Jun TOMONO	81051 2. Name and Address of receiving party(ies) Name: Takara Shuzo Co., Ltd Address: 609, Takenaka-cho, Fushimi-ku Kyoto-shi, Kyoto 612-8061 Japan
Eiji KOBAYASHI Tatsuji ENOKI Osamu TAKEDA Kazue MIYAKE Yoshimi SATO Mariko MORIYAMA Haruhisa SAWARAGI Michio HAGIYA Kiyozo ASADA Ikunoshin KATO	Additional name(s) & address(es) attached? [] Yes [XX] No
Additional name(s) of conveying party(ies) attached? [] Yes [XX] No	,
Nature of conveyance: [x] Assignment [] Change of Name [] Merger	[] Other
Execution Date: August 27, 2001	
Application number(s) or patent number(s). If this docume the application is: Date	nent is being filed together with a new application, the execution date of
A. Patent Application No(s).	B. Patent No(s).
09/935,338	1
Additional numbers a	attached? [] Yes [XX] No
Name and address of party to whom correspondence concerning document should be mailed:	Number of applications and patents involved: One (1)
BROWDY AND NEIMARK, P.L.L.C. 624 Ninth Street, N.W. Suite 300	7. Amount of fee enclosed or authorized to be charged: \$40.00
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9 Statement and Signature. To the best of my knowledge and belief, the foregoing ir original document.	nformation is true and correct and any attached copy is a true copy of the
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original document. Norman J. Latker (Reg. No. 19,963)	nformation is true and correct and any attached copy is a true copy of the 1
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PATENT REEL: 012544 FRAME: 0489

ASSIGNMENT

Hiroyuki MUKAI (1) Hiroaki SAGAWA (2) Insert Name(s) of Takashi UEMORI Inventor(s). (3) Junko YAMAMOTO (4) Jun TOMONO (5) Eiji KOBAYASHI (6) Tatsuji ENOKI **(7)** Osamu TAKEDA (8) Kazue MIYAKE (9)Yoshimi SATO (10)Mariko MORIYAMA (11)Haruhisa SAWARAGI (12). Michio HAGIYA (13)Kiyozo ASADA (14) -Ikunoshin KATO (15)In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to Takara Shuzo Co., Ltd (16)(16) Insert name of Assignee 609, Takenaka-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8061 Japan (17)(17) Insert address of Assignee (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as METHOD FOR AMPLIFYING NUCLEIC ACID SEQUENCE (18)Foreign Application or Case No. (18) Insert Identification of invention, such as Title, Case Number or Foreign Application Number for which the undersigned has (have) executed an application for patent in the United States of America August 27, 2001 (19)(19) Insert Date of Signing of on Application (20) U.S. application Serial Number ... (20) Alternative Identification

filed.

for filed applications

PATENT REEL: 012544 FRAME: 0490

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such intereference.
- 3) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 4) The undersigned agree(s) to communicate to the Assignee or representatives thereof any facts known to me (us) respecting the invention and improvements thereof, and will, upon request, but without expense to me (us), testify in any legal proceedings regarding the invention.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.
- 6) The undersigned hereby grant(s) the firm of Browdy and Neimark the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.
- 7) This Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

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RECORDED: 02/04/2002

PATENT REEL: 012544 FRAME: 0491