|   | 06-08-2001   | D#5  |  |
|---|--|--|--|
| FORM PTO-1595<br>P20718.P06   |  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE         |  |
| To the Honorable Commissioner of  | 101743080  | original documents or copy thereof.                                |  |
| 1. Name of Conveying party(ies): Yoko AIDA  JUN 0 4 2001  Additional name(s) of conveying party(ies)  | 2. Name and addre  | ess of receiving party(ies)  IKEN  s:                              |  |
|   |  |  |  |
| 3. Nature of conveyance:  X Assignment Merger  Security Agreement Change of Name  Other   |  | 2-1, Hirosawa, Wako-shi,  Saitama 351-0198, Japan  State: ZIP      |  |
| Execution Date: April 27, 2001  |  | e(s) and address(es) attached? Yes _X No                           |  |
| <ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new appli</li> <li>A. Patent Application No.(s)<br/>09/763,625</li> </ul> | ication, the execution date of the application  B. Patent No.(s)                             |  |  |
| A   | Additional numbers attached:Yes_X_ No  | )  |  |
| Name and address of party to whom correspondence cordocument should be mailed:  | ncerning 6. Total number of  | 6. Total number of applications and patents involved: 1            |  |
| Name: Bruce H. Bernstein  Internal Address: P20718  | X_Enclosed   | to be charged to deposit account                                   |  |
| Street Address: GREENBLUM & BERNSTEIN, P.  1941 Roland Clarke Place  City: Reston State: VA   | (Attach duplicate  | number:  19-0089 e copy of this page if paying by deposit account) |  |
|   | DO NOT USE THIS SPACE  |  |  |
| 9. Statement and signature. To the best of my knowledge and belief, the foregoing in  Bruce H. Bernstein, Reg. No. 29,027  Name of Person Signing   | nformation is true, and correct and any attach<br>Tuen J. New M. Keg. No.<br>Signature 40, 4 | hed copy is a true copy of the original document.  6/4/0/ Date     |  |
| - 1、1 (現実) - 「発見され」 - 大京 取り(2)、2年 (AVA)   | ges including cover sheet, attachments and o   | locument: 3  |  |
| Mail documer  | nts to be recorded with required cover sheet   | information to:  |  |

Mail documents to be recorded with required cover sheet information to Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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## <u>ASSIGNMENT</u>

WHEREAS, Yoko AIDA, a citizen of Japan, whose post office address is c/o Riken, Tsukuba Life Science Center, 1-1, Koyadai 3-chome, Tsukuba-shi, Ibaraki 305-0074, Japan, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

## ANTIBODY FOR DETECTING POSSIBILITY OF ONSET OF BOVINE LEUKEMIA

for which an application for Letters Patent in the United States was filed in the United States Patent and Trademark Office on March 6, 2001 and awarded Serial No. 09/763,625, and which Application is a National Stage of International Application No. PCT/JP99/04834.

AND WHEREAS, **RIKEN**, a corporation organized and existing under the laws of Japan, whose post-office address is 2-1, Hirosawa, Wako-shi, Saitama 351-0198, Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

PATENT REEL: 011863 FRAME: 0783

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR, on the respective date indicated below.

Witnessed by:

Jaka Chola
Apr. 27, 2001
Yoko AIDA
Date

**PATENT** REEL: 011863 FRAME: 0784

**RECORDED: 06/04/2001**