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| 31-92 Docket No.: ISPH-0245 | I Description of the company of the |
| | 0746570 EET PARENTS 50898L |
| 6-15-98 | ID NO: |
| To The Honorable Commissioner of Patents and Trad | demarks. Please record the attached original document(s) or copy thereof. |
| Name of conveying party(ies): Chikateru Nozaki | 2. Name and address of receiving party(ies): Name: Kaketsuken Internal Address: The Chemo-Sero-Therapeutic Research |
| Additional name(s) of conveying party(ies) attached? () YES (XX) NO | Institute Street Address: 6-Okubu, 1-Chom City: Kumamoto-shi, Kumamoto 860 State: Japan Zip: |
| 3. Nature of Conveyance: (XX) Assignment () Merger () Name Change () Security Agreement () Other: Execution date: May 25, 1998 | Additional names (s) & address attached? |
| 4. Application number(s) or patent number A. Patent Application No(s). 08/988,321 If this document is being filed together with Additional numbers attached? () YES (| FILED December 10, 1997 B. Patent No(s). h a new application, the execution date of the application is: |
| 5. Name and address of party to whom correspondence concerning documents should be mailed: | 6. Total number of applications and patents involved: One (1) |
| Jane Massey Licata, Esq. Law Offices of Jane Massey Licata 66 E. Main Street | 7. Total fee (37 CFR 3.41): \$ () Enclosed (XX) Authorized to be charged to deposit account. |
| Marlton, New Jersey 08053 /23/1998 JSHABAZZ 00000147 121086 08988321 | 8. Deposit Account number: 12-1086 (Attach duplicate copy of this page if paying by deposit account.) |
| O1 C:581 40.00 CH DO NO | T USE THIS SPACE |
| 9. Statement and signature. To the best of correct and any attached copy is a true copy. | of my knowledge and belief, the foregoing information is true and my of the original document. |
| Jane Massey Licata, Reg. No. 32,257 Name of Person Signing | |
| Signature game massy traction | June 11, 1998 |
| Total number of pages comprising cover sh | neet, attachments, and document: Five |
| | ed cover sheet information to: oner of Patents and Trademarks Box Assignments Vashington, D.C. 20231 |

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PATENT REEL: 9251 FRAME: 0970 Attorney Docket No.: ISPH-0245

ASSIGNMENT

WHEREAS, I Chikateru Nozaki, herein after referred to as the assignor, residing at 1-444 Musashigaoka, Kumamoto-shi, Kumamoto 862, Japan, am the inventor of certain inventions or improvements for which I have made application for Letters Patent of the United States, identified as Serial No. 08/988,321, filed December 10, 1997, entitled Compositions and Methods for Treatment of Hepatitis C Virus-Associated Disease; and

WHEREAS, **Kaketsuken** hereinafter referred to as the assignee, of **Kumamoto**, **Japan**, a corporation of **Japan**, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify

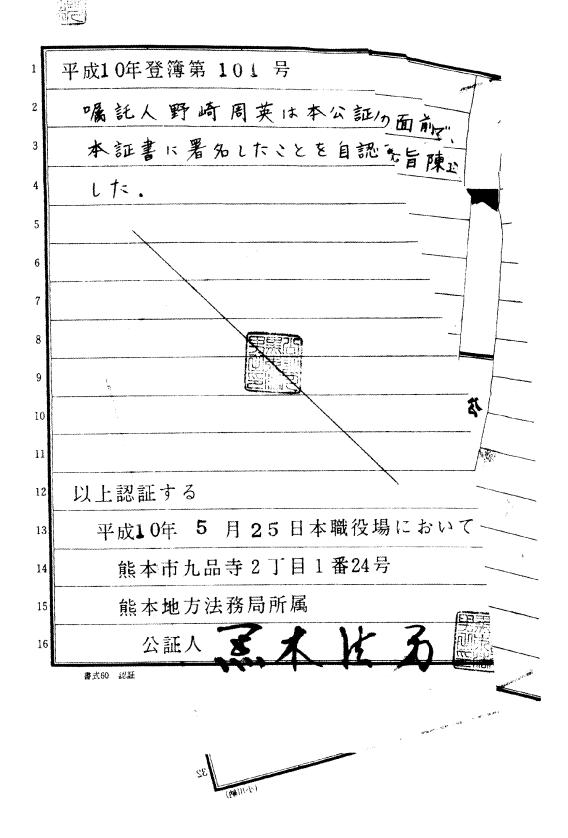
in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents of applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

| ō | Chikateru Nozaki | (L.S.) |
|--|---|-----------------------------|
| : COUNTY OF: | SS | |
| me personally came the above me personally known and known and known the foregoing ass | day of, 19, eve named, 19, nown to me to be the same individual signment, and who acknowledged to of that person's own free will set forth. | , to lual who me that |
| KUMAMOTO DISTRICT LEGAL AFFAIRS BUREAU NOTARY OFFICE 2-1-24 KUHONJI KUMAMOTO JAPAN | Notary Public | _ |





PATENT REEL: 9251 FRAME: 0973



Registered No. **101** of 1998

NOTARIAL CERTIFICATE

This is to certify that Chikateru Nozaki

has acknowledged himself in my very presence that signature on the attached document is his own .

Dated this 25 day of May 1998.



Norio Kuroki

NOTARY

2-1-24 Kuhonji Kumamoto Japan

Kumamoto Legal Affairs Bureau

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PATENT REEL: 9251 FRAME: 0974