06-10-1998

U.S. DEPARTMENT OF COMMERCE

1-31 92 **DOCKET NO.: 2980-004** PATENTS ONLY To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto: 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Roslin Institute (Edinburgh) RO ILIN INSTITUTE (EDINBURGH) Internal Address: Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: Street Address: Roslin X Assignment __ Merger Security Agreement __ Change of Name City: Midlothian EH25 9PS State/Country: GREAT BRITAIN ZIP: Other Additional name(s) & address(es) attached? X Yes Execution Date: March 26, 1998 and April 7, 1998 4. Application number(s) or patent number(s): f the document is being filed together with a new application, the execution date of the application is: B. Patent No(s). A. Patent Application No(s). 08/803,282, filed February 19, 1997 Additional numbers attached? Yes X No 6. Total number of applications and patents involved: $\underline{1}$ 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$40.00 Name: Gilberto M. Villacorta, PEPPER HAMILTON LLP internal Address: Enclosed X Authorized to be charged to deposit account 8. Deposit account number: Street Address: 1300 Nineteenth St., N.W. 50-0436 ZIP: 20036 City: Washington, D.C State:

06/08/1998 DN SUYEN 00000167 500436 08803282

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9. Statement and signature.

FOR A PTO-1596

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 MVW Acorta

Gilberto M. Villacorta, 34,038 Name and Registration No. of Person Signing

May 29, 1998

Cl 1B No. 0851-0011 (exp. 4/94)

Docu nent # 71087

PATENT REEL: 9219 FRAME: 0945

Total number of pages comprising cover sheet:

DO CKET NO.: 2980-004

Cortinuation of Recordation Cover Sheet, Item #2:

The Minister of Agriculture, Fisheries and Food Not el House 17 5 mith Square London, SW1P 3JR

Bio echnology and Biological Sciences Research Council Polaris House Nor h Star Avenue Swindon, SN2 1UH

PATENT ASSIGNATION

by

(1) ROSLIN INSTITUTE (EDINBURGH),

in favour of

ROSLIN INSTITUTE (EDINBURGH); THE MINISTER OF AGRICULTURE, FISHERIES AND FOOD; and BIOTECHNOLOGY and BIOLOGICAL SCIENCES RESEARCH COUNCIL

1998

Wright Johnston & Mackenzie Solicitors 12 St Vincent Place Glasgow G1 2EQ

(Ref: A00020016/KMC/JCH)

PATENT ASSIGNATION

by



ROSLIN INSTITUTE (EDINBURGH), incorporated under the Companies Acts as a company limited by guarantee with registered number 157100 and having its registered office at Roslin, Midlothian, EH25 9PS ("the Assignor")

in favour of

INSTITUTE ROSLIN (EDINBURGH), (2) incorporated under the Companies Acts as a company limited by guarantee with registered number 157100 and having its registered office at Roslin, Midlothian, EH25 9PS and THE OF MINISTER AGRICULTURE, FISHERIES AND FOOD of Nobel House, 17 Smith Square, London, SW1P 3JR acting through the Ministry of Agriculture, Fisheries and Food; and BIOTECHNOLOGY and SCIENCES RESEARCH BIOLOGICAL **COUNCIL**, whose principal office is at Polaris House, North Star Avenue, Swindon, SN2 1UH (collectively referred to as "the Assignees")

WHEREAS

- (A) The Assignor is the proprietor of the Patent Applications set out in the Schedule annexed and executed as relative hereto (the "Patent Applications");
- (B) The Assignor has agreed to assign the Patent Applications to the Assignees; and
- (C) The Assignees have agreed to hold the Patent Applications and any granted patents issuing from such applications subject to a Co-Ownership Agreement to be entered into of even date herewith by the parties to this Agreement.

NO'V IT IS HEREBY AGREED as follows:-

1. Assignation

The Assignor hereby assigns to the Assignees as joint owners the entire right, title and interest of the Assignor in and to the Patent Applications and any patents or other similar forms of protection granted pursuant to the Patent Applications together with the right to recover and to take all such proceedings as may be necessary for the

recovery of damage and other forms or relief in respect of all infringements of the Patent Applications whether taking place before or after the date of this Assignation.

2. **Further Assurance**

Each party agrees generally to sign, seal, execute and deliver all documents, deeds, licences and agreements and to do all acts and things which may be required or may be deemed necessary that any party for giving effect to this Assignation including, without limitation, entry into instruments confirmatory of such rights for registration with appropriate authorities anywhere in the world.

3. Governing Law

This Agreement shall be governed by Scots Law and the parties agree to submit to the non exclusive jurisdiction of the Scottish Courts: IN WITNESS WHEREOF these presents consisting of this and the preceding page together with the Schedule annexed hereto are executed as follows:-

Subscribed for and on behalf of BIOTECHNOLOGY AND BIOLOGICAL SCIENCES RESEARCH COUNCIL by Scott McGregor Lawrie their duly authorised signatory at London on 26th March 1998 before the following witness:-

Justice A Strong Witness:

Full Name: Lustine ANN STRONG.

Address: 12 ST VINCENT PLACE Authorised Signatory

GUSGOW

TRAINER SOLICITOR Occupation:

Subscribed for and on behalf of THE MINISTER OF AGRICULTURE, FISHERIES AND FOOD by Dr Anthony Richard Burne, duly authorised signatory at London on 26th March 1998 before the following witness:-

Witness:

Address:

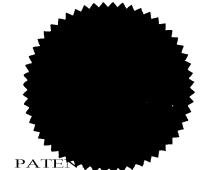
Marylyn Wides

Full Name: MRS, MARYUN WICKS

ST. CHESTOPHER HOUSE Authorised Signatory

SOUTHWARK ST, LONDON

Occupation: CIVIL SERVENT.



REEL: 9219 FRAME: 0949

Subscribed for and on behalf of ROSLIN INSTITUTE (EDINBURGH) by Professor Grahame John Bulfield, Director and Chief Executive, at Rossin on 7th April 1992 before the following witness:-

Witness:

Clan & Nort

Full Name:

CLARE AGNES NEWSON

Address:

12 JT VINCENT PLACE

GLASGOW

Occupation:

Solicinor

This is the Schedule referred to in the Assignation by (1) Roslin Institute (Edinburgh) in favour of (2) Roslin Institute (Edinburgh); The Minster of Agriculture, Fisheries and Food; and Biotechnology and Biological Sciences Research Council

1. Unactiviated Oocytes and Cytoplast Recipients for Nuclear Transfer (MAGIC)

Filing Date	Priority Date	Country	Application No
30 ^d August 1996	31 st August 1995	International	PCT/GB96/02098
30 ^{tt} August 1996	31st August 1995	South Africa	96/7383
30 th August 1996	31st August 1995	USA .	08/803,165

International Patent Application - proceeding in:

Czech Republic, Hungary, Norway, Poland, Russian Federation, Ukraine, Canada, Brazil, Mexico, Cuba, Australia, China, Israel, Japan, Republic of Korea, New Zealand, Singapore, Vietnam, United Kingdom, Hong Kong, Europe (Austria, Belgium, Switzerland/Liechtenstein, Germany, Denmark, Spain, Finland, France, United Kingdom, Greece, Ireland, Italy, Luxembourg, Monaco, Netherlands, Portugal, Sweden).

2. Quiescent Cell Populations for Nuclear Transfer (Quiescence)

Filing Date	Priority Date	Country	Application No
30 th August 1996	31st August 1995	International	PCT/GB96/02099
30 th August 1996	31st August 1995	South Africa	96/7390
30 th August 1996	31st August 1995	USA	08/802,282

International Patent Application - proceeding in:

Czech Republic, Hungary, Norway, Poland, Russian Federation, Ukraine, Canada, Brazil, Mexico, Cuba, Australia, China, Israel, Japan, Republic of Korea, New Zealand, Singapore, Vietnam, United Kingdom, Hong Kong, Europe (Austria, Belgium, Switzerland/Liechtenstein, Germany, Denmark, Spain, Finland, France, United Kingdom, Greece, Ireland, Italy, Luxembourg, Monaco, Netherlands, Portugal, Sweden).

Scotty Landie Est

RECORDED: 05/29/1998