FORM PTO-1595 (Rev. 6-93)	10-16-1998	ER SHEET	U.S. DEPARTMENT OF COMMER Patent and Trademark Of	
OM: No. 065 ;-0011 (exp. 4/94)				
Tab settings ⇒ ⇒ ⇒ ▼ To the Honorable Commissioner	100851765	record the attached origina	I documents or convithereof	
Name of conveying party(ies):	1008311	Name and address of re	aga cam of the color	
		Name: <u>Universit</u>	per ten see a casa a garage a sa s	
Ryuzo Yanagimachi Teruhiko Wakayama			.y ∘or ∘ nawai ∘i	
Additional name(s) of conveying party(ies) a	ttached? □ Yes 邙 No			
3. Nature of conveyance:				
	☐ Merger	Street Address: 2800		
☐ Security Agreement	☐ Change of Name	Suite	280	
Other		City: Honolulu	State: Hawaii ZIP: 96822	
Execution Date: August 13, 1998		Additional name(s) & address	Additional name(s) & address(es) attached? □ Yes 🎖 No	
4. Application number(s) or patent	number(s): MRD	60		
f this document is being filed to			plication is:	
A. Patent Application No.(s)	1	B. Patent No.(s)		
09/132,104 filed	8/10/98			
	Additional numbers atte	ached? 🗀 Yes 🛣 No		
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of application	6. Total number of applications and patents involved:	
Name: Jacqueline M. O'Brien		7. Total fee (37 CFR 3.41)	\$ 40.00	
Internal Address: JONES, DAY, REAVIS & POGUE		₩ Enclosed		
North Poi	.nt	Authorized to be cha	arged to deposit account if	
Street Address: 901 Lakes	side Avenue	8. Deposit account numbe	er:	
		10-1202		
City: Cleveland State:	Ohio ZIP: 44114	(Attach duplicate copy of this	page if paying by deposit account)	
	DO NOT US	E THIS SPACE	12.00	
Statement and signature. To the best of my knowledge and the original document.	d belief, the foregoing inform	ation is true and correct and a	ny attagned copy is a true copy of	
Jacqueline M. O'Brien Myblime M. O'Brien al, 199				
Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document:				
	Total number of pages including		1 1 1 1 1 1 1 1 1 1	
Maild		cover sheet, attachments, and documents are documents.	nent: 3	

PATENT REEL: 9504 FRAME: 0900

ASSIGNMENT (Joint)

WHEREAS, new and useful improvements and inventions have been made by the undersigned

FULL TERM DEVELOPMENT OF ANIMALS FROM ENUCLEATED OOCYTES RECONSTITUTED WITH ADULT SOMATIC CELL NUCLEI

and are the subject of a regular patent application filed in the United States Patent and Trademark Office on August 10, 1998, as Serial No. 09/132,104 said regular patent application claiming the benefit of U.S. Provisional Patent Application, Serial No. 60/072,002, filed January 21, 1998 and U.S. Provisional Patent Application, Serial No. 60/089,940, filed June 19, 1998, and executed by the undersigned on the date indicated below in the appropriate space to the right of the signature of the undersigned, which applications are further identified as Jones, Day, Reavis & Pogue Docket No. 265036-600-008.

WHEREAS, the University of Hawai'i, having a principal place of business at 2800 Woodlawn Drive, Suite 280, Honolulu, Hawai'i 96822, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW. THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest in the United States and throughout the world, in, to, and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said regular application for patent, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted to said improvements and inventions by states or nations other than the United States. or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary or desirable to secure for or vest in assignee, its successors, or assigns any improvement, inventions, right, title, interest, application, patent, patent right, or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same.

CLLIT01 Doc: 292737 1

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PATENT REEL: 9504 FRAME: 0901 IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Ryno Yangimachi T	Ang 13 '98 Ang 13 '98 Date 1 storied Declaration or Oath		
Ryuzo Yanagimachi	Date I signed this assignment Date I signed Declaration or Oath		
Post Office Address: 1425 Ward Avenue	17W, Honolulu, Hl 96822		
STATE OF HAWAI'I	} ss.		
COUNTY OF HONOLULU	j		
The above named Ryuzo Yanagim August , 1998, and acknowledged act and deed for the uses and purposes the	achi, known to me, appeared before me this $\underline{13th}$ day of ged that the foregoing instrument was executed as his free terein set forth.		
	Milles R. Fronk		
(Notarial Seal)	Notary Public, First Circuit State of Hawaii		
	My commission expires: May 22, 2000		
Fernbiho Walenzame	Aug. 13 '98 Aug. 13 '98 Date I signed this assignment Date I signed Declaration or Cath		
Teruhiko Wakayama	Date I signed this assignment Date I signed Declaration or Oath		
Post Office Address: c/o Ryuzo Yanagimachi, 1425 Ward Avenue 17W, Honolulu, HI 96822			
STATE OF HAWAI'I	}		
COUNTY OF HONOLULU	ss.		
The above named Teruhiko Wakay August, 1998, and acknowledged act and deed for the uses and purposes the	ama, known to me, appeared before me this <u>13th</u> day of ged that the foregoing instrument was executed as his free erein set forth.		
Note follow 0	Notary Public, First Circuit		
Notarial Seal)	Notary Public, First Circuit State of Hawaii		
	My commission expires: May 22, 2000		

RECORDED: 10/07/1998

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PATENT REEL: 9504 FRAME: 0902