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To the Honorable Com. 101648331	and the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Robert D. Ivarie	Name:
Tracy M. Andacht	University of Georgia Research Foundation Boyd Graduate Research Center Athens, Georgia 30606
Additional name(s) of conveying party(ies) attached? [ ] Yes [x] No	Additional name(s) & address(es) attached? [ ] Yes [X] No
3. Nature of conveyance:	
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Execution Date: 14 February 2001	
4. Application number(s) or patent number(s):	0978973
If this document is being filed together with a new applica	tion, the filing date of the application is: 20 February 2001
A. Patent application No.(s)	B. Patent No.(s)
Additional numbers atta	ched? [ ] Yes [ X ] No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: [1]
Judy Jarecki-Black, Ph.D., J.D. AviGenics, Inc. 425 River Road Athens, GA 30602	
,, 200 20 20	7. Total fee (37 CFR 3.41) \$ 40.00
	[ ] Enclosed [X] Authorized to be charged to deposit account
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9. Statement and signature.  To the best of my knowledge and belief, the foregoing infetrue copy of the original document.	ormation is true and correct and any attached copy is a
Judy C. Jarecki-Black, Ph.D., J.D.	Date: 20 February 2001
Name of Person Signing Signature  Docket No. Total number of pages including cover sh	eet, attachments, and document: [4]

## JOINT INVENTION ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, ROBERT D. IVARIE, a citizen of the United States, whose address is 54 Jackson Street, Watkinsville, Georgia 30677 and TRACY M. ANDACHT, a citizen of the United States, whose address is 395 Milledge Circle, Athens, Georgia 30606 and as assignors, have made an invention entitled AVIAN MAGO NASHI GENE as described in a patent application which is filed herewith.

WHEREAS, the UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, a body politic and corporate under the laws of the State of Georgia, whose post office address is University of Georgia Research Center, Inc., 6<sup>th</sup> Floor, Technology Commercialization Office, Boyd Graduate Studies Research Center, Athens, Georgia 30602-7411, as assignee, is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim

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PATENT REEL: 011606 FRAME: 0355 priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

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## IN TESTIMONY WHEREOF, we have hereunto set our hands.

Robert D. Ivarie, Ph.D. DATE DATE
STATE OF GEORGIA  COUNTY OF GREENE
SWORN TO AND SUBSCRIBED before me this 20 day of February 2001.  Bull B. Coulombian County, Georgia Notary Public, Greene County, Georgia My Commission Expires June 1, 2002
Tracy M. Andacht, Ph.D.  DATE
STATE OF GEORGIA
SWORN TO AND SUBSCRIBED before me this 20 day of February 2001  Bull B. Garlan  NOTARY PUBLIC

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PATENT REEL: 011606 FRAME: 0357

Notary Public, Greene County, Georgia My Commission Expires June 1, 2002