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09/30/2000 Execution Date:	City: Eagle State: ID Zip: 83616
Execution Date:	Additional name(s) & address(es) attached? Yes V
A. Patent Application No.(s) 10/289,555  Additional numbers a  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Robert J. Schneider	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$
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William L. Crowley  Name: Crowly-Davis Research, Inc. Internal Address: 254 E. Sugarberry Drive    Eagle, ID 83616			
Internal Address: 254 E. Sugarberry Drive    Additional names(s) of conveying party(ies)   Yes	William L. Crowley		
3. Nature of conveyance:    Security Agreement			
Street Address: 254 E. Sugarberry Drive    Security Agreement	Additional names(s) of conveying par	rty(ies) 🔲 Yes 🖾 No	Eagle, ID 83616
Security Agreement	3. Nature of conveyance:		
City: Eagle State: ID ZIP: 83616  Execution Date: 99/30/00  4. Application number(s) or registration numbers(s):  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  B. Patent No.(s)  99/393,407  Additional numbers ettached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Craig M. Korfanta  Internal Address: P. O. Box 1840, Boise, ID 83701  Street Address: P. O. Box 1840  8. Deposit account number:  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any ettached copy is a true copy of the original document.  Craig M. Korfanta  Name of Person Signing  Name of Person Signing  Total number of applications and patents involved:  1. Total number of applications and patents involved:  2. Total number of applications and patents involved:  3. Total fee (37 CFR 3.41):	🛮 Assignment	☐ Merger	Street Address: 254 E. Sugarberry Drive
Additional numbers (s) or registration numbers(s):  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  B. Patent No.(s)  B. Patent No.(s)  Additional numbers attached?  Yes No  Additional numbers attached?  Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Craig M. Korfanta  Internal Address: P. O. Box 1840, Beise, ID 83701  Street Address: P. O. Box 1840  B. Patent No.(s)  7. Total fee (37 CFR 3.41):	☐ Security Agreement	☐ Change of Name	
4. Application number(s) or registration numbers(s):  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  B. Patent No.(s)  B. Patent No.(s)  B. Patent No.(s)  409/393,407  Additional numbers attached?  Yes No  6. Total number of applications and patents involved:  1. Total fee (37 CFR 3.41):	Other	_	City: Eagle State: ID ZIP: 83616
Additional numbers attached?  Additional number of applications and patents involved:  A Total number of applications and pate	Execution Date: 09/30/00		Additional name(s) & address(es) attached?  Yes  No
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Name: Craig M. Korfanta Internal Address: P. O. Box 1840, Boise, ID 83701  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  Authorized to be charged to deposit account  Street Address: P. O. Box 1840  8. Deposit account number:  O/25/2000 Boisene 00000017 09393407 State: ID ZIP: 83701  1 FC:581  ON NOT USE THIS SPACE  9. Statement and signature.  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 original document.  Craig M. Korfanta  Name of Person Signing  Total number of applications and patents involved:  7. Total fee (37 CFR 3.41):\$  40.00  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  B. Deposit account number:  9. Statement and signature.  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 original document.  Craig M. Korfanta  Name of Person Signing  Signature		Additional numbers attac	l hed? ☐ Yes ⊠ No
Internal Address: P. O. Box 1840, Boise, ID 83701  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  Authorized to be charged to deposit account  Street Address: P. O. Box 1840  8. Deposit account number:  1 FC:581  1 FC:581  1 DO NOT USE THIS SPACE  9. Statement and signature.  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 original document.  Craig M. Korfanta  Name of Person Signing  Total number of passes including a second signature.  Signature  PATENDATE			6. Total number of applications and patents involved:
Internal Address: P. O. Box 1840, Boise, ID 83701  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  Authorized to be charged to deposit account  8. Deposit account number:  1 FC:581  DO NOT USE THIS SPACE  9. Statement and signature.  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 original document.  Craig M. Korfanta  Name of Person Signing  Signature  PATEN Pate	Name: Craig M. Korfanta	<u> </u>	7 Total for (27 CED 2 44):
Street Address: P.O. Box 1840  Street Address: P.O. Box 1840  8. Deposit account number:  1 FC:581  1 FC:581  2 IP: 83701  1 FC:581  2 IP: 83701  2 IP: 83701  3 IP: 83701  3 IP: 83701  40.00 BB  40.00 BB  40.00 BB  5 DO NOT USE THIS SPACE  9. Statement and signature.  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 original document.  Craig M. Korfanta  Name of Person Signing  Total number of pages including a page of the content of the	Internal Address: P. O. Box 1840	. Roise. ID 83701	
Street Address: P. O. Box 1840  8. Deposit account number:  1 FC:581  40.00 DP  DO NOT USE THIS SPACE  9. Statement and signature.  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 original document.  Craig M. Korfanta  Name of Person Signing  Total number of pages including as well as the signature of pages including as the signature		, 2000, 10 00, 11	
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9. Statement and signature. 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 original document.  Craig M. Korfanta  Name of Person Signing  Signature  PATEN Pate	Street Address: P. O. Box 1840		8. Deposit account number:
9. Statement and signature.  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 original document.  Craig M. Korfanta  Name of Person Signing  Signature  PATEN Pate	`` 0/2 <b>€/196</b> 00 <mark>B91498</mark> NF 00000017 09393407 €	State: ID ZIP: 83701	
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 original document.  Craig M. Korfanta  Name of Person Signing  Signature  PATEN Pate	1 FC:581 40.0	DO NOT (	JSE THIS SPACE
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		er of pages including cover sh	T3-1 EIN F-11

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
William L. Crowley Jr. 01-10-03

Attorney Docket No.: CROB101

Serial No.: 09/393,407

Group Art Unit: N/A

Filed: 9/10/99

Examiner: N/A

For: Employing Synthetic Genes In Genetic Algorithms, Information Encoding

and Non-Replicative Encryption

## ASSIGNMENT

<u>X</u>	Enclosed for recording Previously recorded
Date: Reel:	

FOR GOOD AND VALUABLE CONSIDERATION including a promissory note and shares of stock, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Crowley Davis Research, Inc., a Delaware corporation (the "Assignee"), having a place of business at 254 E. Sugarberry Drive, Eagle, ID 83616, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled: Employing Synthetic Genes In Genetic Algorithms, Information Encoding and Non-Replicative Encryption, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or

ASSIGNMENT - 1

PATENT

REEL: 014106 FRAME: 0802

will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature)

William L. Crowley

1

Date: September 30, 2000

STATE OF IDAHO

County of Ada

ss. 10003

BEFORE ME, this 30<sup>th</sup> day of September, 2000 personally appeared William L. Crowley, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

TAMMY P. KILLIAN Notary Public State of Idaho

Notary or Consular Officer

My Commission Expires:

2714764\_1.DOC

ASSIGNMENT - 2

**RECORDED: 11/05/2003** 

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