

07-08-2002

FORM PTO-1594

R

U.S. DEPARTMENT OF COMMERCE

(Rev. 03/01)



Patent and Trademark Office

OMB No. 0651-0027 (exp. 05/31/2002)

102146419

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**CYGNAL INTEGRATED PRODUCTS, INC.** *7-2-02*

Individual(s)                       Association  
 General Partnership               Limited Partnership  
 Corporation-State DE  
 Other

2. Name and address of receiving party(ies):  
Name: **Silicon Valley Bank**  
Internal Address: HA155  
Street Address: 3003 Tasman Drive

Additional name(s) of conveying party(ies) attached?  Yes  No

City: Santa Clara                      State: CA                      ZIP: 95054

3. Nature of conveyance:

Assignment                       Merger  
 Security Agreement               Change of Name  
 Other \_\_\_\_\_

Individual(s) citizenship  
 Association  
 General Partnership  
 Limited Partnership  
 Corporation-State-DE  
 Other

Execution Date: 4/24/02

If assignee is not domiciled in the United States, a domestic representative designation is attached:  Yes  No  
Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or registration number(s):

A. Trademark Application No.(s)  
**76/272,133**  
~~76/364,420~~  
**76/260,820**

B. Trademark No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Silicon Valley Bank**  
Internal Address: Loan Documentation HA155  
Street Address: 3003 Tasman Dr.  
City: Santa Clara                      State: Ca                      ZIP: 95054

6. Total number of applications and registrations involved: 3

7. Total fee (37 CFR 3.41):                      **\$90.00**  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

07/08/2002 LMUELLER 00000302 75272133

01 FC:481                      40.00 DP  
02 FC:482                      50.00 DP

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.

Shannon Hubbard  
Name of Person Signing

*Shannon Hubbard*  
Signature

*4/19/02*  
Date

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patent & Trademarks, Box Assignments  
Washington, D.C. 20231

**TRADEMARK**  
**REEL: 002539 FRAME: 0051**

## ADDENDUM TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Addendum to Intellectual Property Security Agreement is executed pursuant to, and is an addendum to, an Intellectual Property Security Agreement, dated August 27, 1999, by and between Cygnal Integrated Products, Inc. ("Grantor") with its principal office at 4301 Westbank Drive, Suite B-100, Austin, TX 78746, and Silicon Valley Bank ("Bank") with its principal office at 3003 Tasman Drive, Santa Clara, CA 95054. This Addendum to Intellectual Property Security Agreement is presented for recordation as constructive notice that Grantor, the owner of the intellectual property identified in the exhibit(s) attached hereto, has granted to Bank a security interest in the intellectual property described on exhibit(s) attached hereto, and the exclusive rights comprised in the intellectual property, to secure payment of a debt.

IN WITNESS WHEREOF, Grantor has executed this Addendum to Intellectual Property Security Agreement as of April 24, 2002.

**GRANTOR:**

**CYGNAL INTEGRATED PRODUCTS, INC.**

By: R. S. Schaefer  
Name: R. Scott Schaefer  
Title: VP-Finance / CFO

EXHIBIT "A"  
COPYRIGHTS

SCHEDULE A - ISSUED COPYRIGHTS

<u>COPYRIGHT DESCRIPTION</u>	<u>REGISTRATION NUMBER</u>	<u>DATE OF ISSUANCE</u>
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See Attached

SCHEDULE B - PENDING COPYRIGHT APPLICATIONS

<u>COPYRIGHT DESCRIPTION</u>	<u>APPLICATION NUMBER</u>	<u>DATE OF FILING</u>	<u>DATE OF CREATION</u>	<u>FIRST DATE OF PUBLIC DISTRIBUTION</u>
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None

SCHEDULE C - UNREGISTERED COPYRIGHTS (Where No Copyright Application is Pending)

<u>DESCRIPTION</u>	<u>CREATION</u>	<u>DISTRIBUTION FROM ASSIGNOR</u>	<u>ASSIGNOR</u>
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Various

# CERTIFICATE OF REGISTRATION

This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.



OFFICIAL SEAL

*Marybeth Peters*  
REGISTER OF COPYRIGHTS  
United States of America

FORM MW

MW 16-108



EFFECTIVE DATE OF REGISTRATION

Jan. 18 2002  
Month Day Year

APPLICATION RECEIVED

JAN 18 2002

DEPOSIT RECEIVED

Jan. 18, 2002

SEE SPACE-BY-SPACE INSTRUCTIONS ON OTHER SIDE. DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE FORM MW/CON.

<p>1. TITLE OF THIS WORK <u>C8051F300</u></p>	<p>2. NATURE OF DEPOSIT <u>16 mask plots and chips</u></p>						
<p>3. NAME AND ADDRESS OF CURRENT OWNER(S) <u>Cygnal Integrated Products</u> <u>4301 Westbank Dr B-100</u> <u>Austin, TX 78746</u></p>	<p>4. CITIZENSHIP OR DOMICILE OF CURRENT OWNER(S) Citizen of <u>United States</u> or Domiciled in: _____</p>						
<p>5. DERIVATION OF OWNERSHIP: If the person who created the mask work which is subject matter of this application is NOT named as the owner, check one: (Note: If a company or organization is named as the current owner, one of the following boxes <i>must</i> be checked)</p> <p><input checked="" type="checkbox"/> a. The owner is the employer of a person who created such mask work within the scope of his/her employment <b>Added by C.O.</b></p> <p><input type="checkbox"/> b. The owner has acquired the rights by transfer from the creator, employer or representative. <b>Authority phone call from Douglas Holberg, 2/8/02.</b></p> <p><input type="checkbox"/> c. The owner is the legal representative of the deceased or legally incapacitated creator</p>							
<p>6. DATE AND NATION OF FIRST COMMERCIAL EXPLOITATION Month <u>October</u> Day <u>11</u> Year <u>2001</u> Nation <u>United States</u></p>	<p>7. CITIZENSHIP OR DOMICILE OF OWNER AT THE TIME OF FIRST COMMERCIAL EXPLOITATION (See instructions) Citizen of <u>United States</u> Domiciled in: _____</p>						
<p>8. NATURE OF CONTRIBUTION: Mask works generally contain designs that are staple, commonplace, or familiar in the semiconductor industry, or are variations of such designs, or are variations of designs that have been previously commercially exploited or previously registered for protection. Describe the new, original contribution in this mask work for which statutory protection is sought <u>top level interconnect pads, analog peripherals, custom blocks, digital peripheral logic blocks excluding flash memory block</u></p>							
<p>9. CONTACT PERSON FOR CORRESPONDENCE ABOUT THIS CLAIM Name: <u>Douglas Holberg</u> Daytime telephone number: (512) <u>327-7085</u> x <u>206</u> Address (if other than given at space 12) _____ FAX: (512) <u>327-7087</u> Email <u>holberg@cygnal.com</u></p>	<p>10. DEPOSIT ACCOUNT Name of Account _____ Account Number _____</p>						
<p>11. CERTIFICATION: I, the undersigned, hereby certify that I have the authority to submit this application and that the statements made herein are correct to the best of my knowledge.</p> <p><input checked="" type="checkbox"/> HANDWRITTEN SIGNATURE (X) <i>Douglas R Holberg</i> (This application MUST be signed.)</p> <p>TYPED SIGNATURE <u>Douglas R Holberg</u></p>							
<p>12. Certificate will be mailed in window envelope to this address:</p> <table border="1"> <tr> <td>Name</td> <td><u>Cygnal Integrated Products</u></td> </tr> <tr> <td>Number/Street/Apt Number</td> <td><u>4301 Westbank Dr B-100</u></td> </tr> <tr> <td>City/State/ZIP</td> <td><u>Austin TX 78746</u></td> </tr> </table>	Name	<u>Cygnal Integrated Products</u>	Number/Street/Apt Number	<u>4301 Westbank Dr B-100</u>	City/State/ZIP	<u>Austin TX 78746</u>	<p><b>PLEASE BE SURE THAT YOU HAVE:</b></p> <ul style="list-style-type: none"> <li>Signed the application at Space 11</li> <li>Enclosed a check or money order for the non-refundable filing fee of \$75 payable to Register of Copyrights</li> <li>Enclosed deposit, application, and fee</li> </ul> <p><b>MAIL TO:</b></p> <p>Library of Congress Department MO 101 Independent Avenue Washington, DC 20540</p> <p><i>[Signature]</i></p>
Name	<u>Cygnal Integrated Products</u>						
Number/Street/Apt Number	<u>4301 Westbank Dr B-100</u>						
City/State/ZIP	<u>Austin TX 78746</u>						

\*Any person who knowingly makes a false representation in a material fact in the application for registration as provided in 17 USC 1001 shall be fined under title 18 USC.

# CERTIFICATE OF REGISTRATION



OFFICIAL SEAL

This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

*Marybeth Peters*

REGISTER OF COPYRIGHTS  
United States of America

FORM MW

MW 16-039



EFFECTIVE DATE OF REGISTRATION

August 29 2001  
Month Day Year

APPLICATION RECEIVED

DEPOSIT RECEIVED

SEE SPACE-BY-SPACE INSTRUCTIONS ON OTHER SIDE. DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE FORM MW/CON.

<p>1. TITLE OF THIS WORK <u>C8051F200BE</u></p>	<p>2. NATURE OF DEPOSIT <u>16 mask plots and 5 chips</u></p>
<p>3. NAME AND ADDRESS OF CURRENT OWNER(S) <u>Cygnal Integrated Products</u> <u>4301 Westbank Drive B-100</u> <u>Austin, TX 78746</u></p>	<p>4. CITIZENSHIP OR DOMICILE OF CURRENT OWNER(S) Citizen of: <u>United States</u> or Domiciled in: _____</p>
<p>5. DERIVATION OF OWNERSHIP: If the person who created the mask work which is subject matter of this application is NOT named as the owner, check one: (Note: If a company or organization is named as the current owner, one of the following boxes must be checked.)</p> <p><input checked="" type="checkbox"/> a. The owner is the employer of a person who created such mask work within the scope of his/her employment</p> <p><input type="checkbox"/> b. The owner has acquired the rights by transfer from the creator, employer or representative.</p> <p><input type="checkbox"/> c. The owner is the legal representative of the deceased or legally incapacitated creator.</p>	
<p>6. DATE AND NATION OF FIRST COMMERCIAL EXPLOITATION Month <u>June</u> Day <u>4</u> Year <u>2001</u> Nation <u>United States</u></p>	<p>7. CITIZENSHIP OR DOMICILE OF OWNER AT THE TIME OF FIRST COMMERCIAL EXPLOITATION (See instructions) Citizen of: <u>United States</u> Domiciled in: _____</p>
<p>8. NATURE OF CONTRIBUTION: Mask works generally contain designs that are staple, commonplace, or familiar in the semiconductor industry, or are variations of such designs, or are variations of designs that have been previously commercially exploited or previously registered for protection. Describe the new, original contribution in this mask work for which statutory protection is sought: <u>top level interconnect, pads, analog peripheral custom blocks, digital peripheral logic blocks excluding flash memory block</u></p>	
<p>9. CONTACT PERSON FOR CORRESPONDENCE ABOUT THIS CLAIM Name: <u>Douglas Holberg</u> Daytime telephone number: (512) <u>327-7088 x206</u> Address (if other than given at space 12): _____ FAX: (512) <u>327-7087</u> Email: <u>holberg@cygnal.com</u></p>	<p>10. DEPOSIT ACCOUNT Name of Account _____ Account Number _____</p>
<p>11. CERTIFICATION: I, the undersigned, hereby certify that I have the authority to submit this application and that the statements made herein are correct to the best of my knowledge.</p> <p><input checked="" type="checkbox"/> HANDWRITTEN SIGNATURE (X) <i>Douglas R. Holberg</i> (This application MUST be signed.)</p> <p>TYPED SIGNATURE <u>DOUGLAS R. HOLBERG</u></p>	

12. Certificate will be mailed in window envelope to this address:


Name	<u>Cygnal Integrated Products</u>
Number/Street/Apt Number	<u>4301 Westbank Dr. B-100</u>
City/State/ZIP	<u>Austin, TX 78746</u>

**PLEASE BE SURE THAT YOU HAVE:**

- Signed the application at space 11
- Enclosed a check or money order for the nonrefundable filing fee of \$75, payable to Register of Copyrights.
- Enclosed deposit, application, and fee

**MAIL TO:**

Library of Congress  
Department MW  
101 Independence Avenue, S.E.  
Washington, DC 20540



\*Any person who knowingly makes a false representation of a material fact in the application for registration as provided in 18 USC 1001 shall be fined not more than \$10,000

TRADEMARK  
REEL: 002539 FRAME: 0055

# CERTIFICATE OF REGISTRATION



OFFICIAL SEAL

This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

*Marybeth Peters*

REGISTER OF COPYRIGHTS  
United States of America

FORM MW

MW 16-040



EFFECTIVE DATE OF REGISTRATION

August 29 2001  
Month Day Year

APPLICATION RECEIVED

DEPOSIT RECEIVED

SEE SPACE-BY-SPACE INSTRUCTIONS ON OTHER SIDE. DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE FORM MW/CON.

1. TITLE OF THIS WORK <u>C8051FC05 BD</u>	2. NATURE OF DEPOSIT <u>16 mask plots and 5 chips</u>
---	---

3. NAME AND ADDRESS OF CURRENT OWNER(S) <u>Cygnal Integrated Products</u> <u>4301 Westbank Drive B-100</u> <u>Austin, TX 78746</u>	4. CITIZENSHIP OR DOMICILE OF CURRENT OWNER(S) Citizen of: <u>United States</u> or Domiciled in: _____
---	---

5. DERIVATION OF OWNERSHIP: If the person who created the mask work which is subject matter of this application is NOT named as the owner, check one: (Note: If a company or organization is named as the current owner, one of the following boxes *must* be checked.)

a. The owner is the employer of a person who created such mask work within the scope of his/her employment.

b. The owner has acquired the rights by transfer from the creator, employer or representative.

c. The owner is the legal representative of the deceased or legally incapacitated creator.

6. DATE AND NATION OF FIRST COMMERCIAL EXPLOITATION Month <u>April</u> Day <u>15</u> Year <u>2001</u> Nation <u>United States</u>	7. CITIZENSHIP OR DOMICILE OF OWNER AT THE TIME OF FIRST COMMERCIAL EXPLOITATION (See instructions) Citizen of: <u>United States</u> Domiciled in: _____
---	--

8. NATURE OF CONTRIBUTION: Mask works generally contain designs that are staple, commonplace, or familiar in the semiconductor industry, or are variations of such designs, or are variations of designs that have been previously commercially exploited or previously registered for protection. Describe the new, original contribution in this mask work for which statutory protection is sought top level interconnect, pads, analog peripheral custom blocks, digital peripheral logic blocks excluding flash memory block

9. CONTACT PERSON FOR CORRESPONDENCE ABOUT THIS CLAIM Name: <u>Douglas Holberg</u> Daytime telephone number: (512) <u>327-7088 x206</u> Address (if other than given at space 12): _____ FAX: (512) <u>327-7087</u> Email: <u>holberg@cygnal.com</u>	10. DEPOSIT ACCOUNT Name of Account: _____ Account Number: _____
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11. CERTIFICATION: I, the undersigned, hereby certify that I have the authority to submit this application and that the statements made herein are correct to the best of my knowledge.

HANDWRITTEN SIGNATURE (X) *Douglas R. Holberg*  
(This application MUST be signed)

TYPED SIGNATURE DOUGLAS R. HOLBERG

12. Certificate will be mailed in window envelope to this address:

Name	<u>Cygnal Integrated Products</u>
Number/Street/Apt Number	<u>4301 Westbank Dr. B-100</u>
City/State/ZIP	<u>Austin, TX 78746</u>

**PLEASE BE SURE THAT YOU HAVE:**

- Signed the application at space 11
- Enclosed a check or money order for the nonrefundable filing fee of \$75, payable to Register of Copyrights.
- Enclosed deposit, application, and fee

**MAIL TO:**

Library of Congress  
Department MW  
101 Independence Avenue, S.E.  
Washington, DC 20540

\*Any person who knowingly makes a false representation of a material fact in the application for registration as provided in 18 USC 1001 shall be fined not more than \$10,000

TRADEMARK  
REEL: 002539 FRAME: 0056

# CERTIFICATE OF REGISTRATION



OFFICIAL SEAL

This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

*Marybeth Peters*

REGISTER OF COPYRIGHTS  
United States of America

**FORM MW**

For Mask Works  
UNITED STATES  
REGISTRATION

MW 15-579



**MW**

EFFECTIVE DATE OF REGISTRATION

March 6 2001  
Month Day Year

APPLICATION RECEIVED

JAN 08 2001

DEPOSIT RECEIVED

JAN 08 2001

Funk's Rec'd  
3/6/01

SEE SPACE-BY-SPACE INSTRUCTIONS ON OTHER SIDE. DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE FORM MW/CON.

1. TITLE OF THIS WORK C80SIF000B0

2. NATURE OF DEPOSIT  
16 mask level plus mask 5 chips

3. NAME AND ADDRESS OF CURRENT OWNER(S)  
Cygnal Integrated Products  
4301 Westbank Dr. Suite B-100  
Austin, TX 78746

4. CITIZENSHIP OR DOMICILE OF CURRENT OWNER(S)  
Citizen of: United States  
or  
Domiciled in: \_\_\_\_\_

5. DERIVATION OF OWNERSHIP: If the person who created the mask work which is subject matter of this application is NOT named as the owner, check one: (Note: If a company or organization is named as the current owner, one of the following boxes *must* be checked.)

- a. The owner is the employer of a person who created such mask work within the scope of his/her employment. *\*Added by C.O.*
- b. The owner has acquired the rights by transfer from the creator, employer or representative. *Authority phone conversation*
- c. The owner is the legal representative of the deceased or legally incapacitated creator. *with Douglas Holberg, 2/21/01.*

6. DATE AND NATION OF FIRST COMMERCIAL EXPLOITATION  
Month July Day 10 Year 2000  
Nation United States of America

7. CITIZENSHIP OR DOMICILE OF OWNER AT THE TIME OF FIRST COMMERCIAL EXPLOITATION (See instructions)  
Citizen of: United States of America  
Domiciled in: United States of America

8. NATURE OF CONTRIBUTION: Mask works generally contain designs that are staple, commonplace, or familiar in the semiconductor industry, or are variations of such designs, or are variations of designs that have been previously commercially exploited or previously registered for protection. Describe the new, original contribution in this mask work for which statutory protection is sought: top level interface pads, analog peripheral system blocks, digital peripheral logic block including flash memory block

9. CONTACT PERSON FOR CORRESPONDENCE ABOUT THIS CLAIM  
Name: Douglas Holberg  
Daytime telephone number: (512) 327-7088 ext. 206  
Address (if other than given at space 12): \_\_\_\_\_  
FAX: (512) 327-7087 Email: holberg@cygnal.com

10. DEPOSIT ACCOUNT  
Name of Account: \_\_\_\_\_  
Account Number: \_\_\_\_\_

11. CERTIFICATION: I, the undersigned, hereby certify that I have the authority to submit this application and that the statements made herein are correct to the best of my knowledge.\*

HANDWRITTEN SIGNATURE (X) *Douglas R. Holberg*  
(This application MW/51 be signed)  
TYPED SIGNATURE Douglas R. Holberg

12. Certificate will be mailed in window envelope to this address:

Name	<u>Cygnal Integrated Products</u>
Number/Street/Apt Number	<u>4301 Westbank Dr B-100</u>
City/State/ZIP	<u>Austin TX 78746</u>

**PLEASE BE SURE THAT YOU HAVE:**

- Signed the application at space 11
- Enclosed a check or money order for the nonrefundable filing fee of \$75, payable to Register of Copyrights.
- Enclosed deposit, application, and fee

**MAIL TO:**

Library of Congress  
Department MW  
101 Independence Avenue, S.E.  
Washington, DC 20540

*GMH*

\*Any person who knowingly makes a false representation of a material fact in the application for registration as provided in 18 USC 1001 shall be fined not more than \$10,000.

EXHIBIT "B"  
PATENTS

See Attached



**CYGNAL INTEGRATED PRODUCTS, INC.**

Patent Report by Invention

Printed: 5/3/02

Page 1

COUNTRY	REFERENCE#	TYPE	FILED	SERIAL#	ISSUED	PATENT#	STATUS
<i>Next Action Due</i>							
<b>A/D CONVERTER WITH VOLTAGE/CHARGE SCALING</b>							
UNITED STATES	24686 6/11/03	NEW	10/15/99	09/419,148	9/11/01	6,288,661	ISSUED
		<i>NOTIFY CLTIREISSUE</i>					
UNITED STATES	25477 5/9/02	CIP	7/9/01	09/901,845			PENDING
		<i>INF DISCLOSURE STMT</i>					
UNITED STATES	25476 5/9/02	CIP	7/9/01	09/901,853			PENDING
		<i>INF DISCLOSURE STMT</i>					
UNITED STATES	25679 5/9/02	CIP	7/9/01	09/901,750			PENDING
		<i>INF DISCLOSURE STMT</i>					
<b>SAR A/D CONVERTER USING RESISTOR STRING AND LAYOUT THEREFOR</b>							
UNITED STATES	24687	NEW					ABANDONED
<b>EMBEDDED MICROPROCESSOR MULTI-LEVEL SECURITY SYSTEM IN FLASH MEMORY</b>							
UNITED STATES	24693 5/26/02	NEW	1/7/00	09/479,551			PENDING
		<i>FINAL REJECTION</i>					
UNITED STATES	24692 6/9/02	CIP	7/9/01	09/901,918			PENDING
		<i>flup clt re ff</i>					
<b>M &amp; A FOR NOISE CONTROL OF COEXISTING MICROCONTROLLER AND ANALOG COMPONENTS</b>							
UNITED STATES	24694	NEW					TRANSFER
<b>DIFFERENTIAL/SINGLE ENDED ANALOG-TO-DIGITAL CONVERTER</b>							
UNITED STATES	24695 8/3/02	NEW	6/19/00	09/595,959			PENDING
		<i>STATUS CHECK</i>					
UNITED STATES	25367 7/23/03	DIV	8/11/00	09/638,095	10/23/01	6,307,497	ISSUED
		<i>NOTIFY CLTIREISSUE</i>					
UNITED STATES	25368 8/6/03	DIV	8/11/00	09/637,493	11/6/01	6,313,779	ISSUED
		<i>NOTIFY CLTIREISSUE</i>					
<b>PRIORITY CROSS-BAR DECODER</b>							
UNITED STATES	24696 7/31/02	NEW	5/31/00	09/584,308			PENDING
		<i>STATUS CHECK</i>					
WIPO	25713 9/30/02	CEQ	5/24/01	PCT/US01/16925			PUBLISHED
		<i>PREL EXAM STAT CHECK</i>					
<b>FIELD PROGRAMMABLE MIXED-SIGNAL INTEGRATED CIRCUIT</b>							
UNITED STATES	24697	NEW	6/19/00	60/212,653			EXPIRED
UNITED STATES	25768 5/19/02	FCA	6/19/01	09/885,459			PENDING
		<i>INF DISCLOSURE STMT</i>					
<b>SEGMENTED D/A CONVERTER WITH ENHANCED DYNAMIC RANGE</b>							
UNITED STATES	24999 5/7/02	NEW	5/31/00	09/583,341	5/7/02	6,384,763	ISSUED
		<i>CONT/IDIV?!</i>					

COUNTRY	REFERENCE#	TYPE	FILED	SERIAL#	ISSUED	PATENT#	STATUS
<b>CROSS-BAR DECODER</b>							
UNITED STATES	25098						ABANDONED
<b>D/A RESISTOR STRING USING HEADROOM RESISTOR AS DUMMY RESISTOR</b>							
UNITED STATES	25120						ABANDONED
<b>D/A CONVERTER STREET EFFECT COMPENSATION</b>							
UNITED STATES	25154	NEW	5/31/00	09/584,311			PENDING
	5/18/02	CONT/DIV?					
<b>CROSS-BAR MATRIX FOR CONNECTING DIGITAL RESOURCES TO I/O PINS OF AN INTEGRATED CIRCUIT</b>							
UNITED STATES	25155	NEW	5/31/00	09/583,260			PENDING
	7/31/02	STATUS CHECK					
<b>PARASITIC INSENSITIVE CAPACITOR IN D/A CONVERTER</b>							
UNITED STATES	25159	NEW	6/19/00	09/596,785			PENDING
	5/25/02	post card/amend filed					
<b>D/A RESISTOR STRINGS WITH CROSS COUPLING SWITCHES</b>							
UNITED STATES	25214	NEW	5/31/00	09/584,217			PENDING
	5/5/02	CONT/DIV?					
UNITED STATES	25421	CIP	9/25/00	09/668,882			PENDING
	7/23/02	ISSUE FEE					
UNITED STATES	25422	CIP	9/25/00	09/668,871			PENDING
	7/18/02	ISSUE FEE					
<b>SYSTEM ON CHIP WITH ADC HAVING SERIAL TEST MODE</b>							
UNITED STATES	25332	NEW	6/19/00	09/596,458	10/9/01	6,300,889	ISSUED
	7/9/03	NOTIFY CLT/REISSUE					
<b>PROGRAMMABLE DRIVER FOR AN I/O PIN OF AN INTEGRATED CIRCUIT</b>							
UNITED STATES	25484	NEW	4/18/01	09/837,918			PENDING
	5/30/02	RESPONSE TO OA					
<b>IC WITH DIGITAL AND ANALOG CIRCUITS AND MIXED SIGNAL I/O PINS</b>							
UNITED STATES	25547	NEW	4/18/01	09/837,921			PENDING
	5/19/02	RESPONSE TO OA					
<b>LOCK DETECTOR FOR DIGITAL PLL</b>							
UNITED STATES	25716	NEW					PROPOSED
	5/7/02	NEW CASE/ APPL DRAFT					
<b>VOLTAGE AND CHARGE SCALING DAC FOR SAR A/D CONVERTER</b>							
UNITED STATES	25714	NEW					PROPOSED
	5/4/02	NEW CASE/ APPL DRAFT					
<b>SUPPLY VOLTAGE MONITOR USING BANDGAP DEVICE WITHOUT FEEDBACK</b>							
UNITED STATES	25717	NEW	7/9/01	09/901,851			PENDING
	5/15/02	RESPONSE TO OA					

COUNTRY	REFERENCE#	TYPE	FILED	SERIAL#	ISSUED	PATENT#	STATUS
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Next Action Due

**SERIAL DATA INTERFACE**

UNITED STATES	25987	NEW					MAILED
	5/22/02	POST CARD/app filed					

END OF REPORT

TOTAL ITEMS SELECTED 31

Exhibit "C" attached to that certain Addendum to Intellectual Property Security Agreement dated April 24, 2002.

EXHIBIT "C"

TRADEMARKS

<u>TRADEMARK</u> <u>DESCRIPTION</u>	<u>COUNTRY</u>	<u>SERIAL NO.</u>	<u>REG. NO</u>	<u>STATUS</u>
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See Attached

**CYGNAL INTEGRATED PRODUCTS, INC.**

Trademark Report by Mark

Printed: 5/3/02

Page 1

COUNTRY	REFERENCE#	FILED	APPL#	REGDT	REG#	STATUS	CLASSES
	<u>Next Action Due</u>						
<b>C (logo)</b>							
UNITED STATES	24753 6/17/02	9/3/99 ACCEPTANCE OF SOU?	75/792,242			ALLOWED	09
<b>CAPTURE-COMPUTE-COMMUNICATE</b>							
UNITED STATES	25710 5/21/02	5/21/01 STATUS CHECK	76/272,133			PENDING	09
UNITED STATES	25967 6/28/02	1/28/02 flup /Foreign Filing	76/364,420			PENDING	09
<b>Capture-Compute-Communicate (and design)</b>							
UNITED STATES	25711 5/10/02	5/22/01 ACCEPTANCE OF SOU?	76/260,820			ALLOWED	42
<b>CYGNAL</b>							
EUROPEAN UNION	24959 1/23/06	3/2/00 NOTIFY CLTIPOU	1536085	4/23/01	001536085	REGISTERED	
UNITED STATES	24755 5/13/02	9/3/99 STATUS CHECK/remand?	75/792,240			PENDING	
<b>CYGNAL (logo)</b>							
UNITED STATES	24752 5/28/02	9/3/99 ACCEPTANCE OF SOU?	75/792,241			PENDING	
<b>CYGNAL INTEGRATED PRODUCTS (logo)</b>							
UNITED STATES	24754 6/21/02	9/3/99 FINAL REJ .IAPPEAL	75/792,243			PENDING	
<b>CYGNAL.COM</b>							
UNITED STATES	24756 6/21/02	9/3/99 FINAL REJ .IAPPEAL	75/792,244			PENDING	

END OF REPORT

TOTAL ITEMS SELECTED 9

**CYGNAL INTEGRATED PRODUCTS, INC.**

Trademark Report by Mark

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Page 1

COUNTRY	REFERENCE#	FILED	APPL#	REGDT	REG#	STATUS	CLASSES
	<i>Next Action Due</i>						
<b>C (logo)</b>							
UNITED STATES	24753 6/17/02	9/3/99 ACCEPTANCE OF SOU?	75/792,242			ALLOWED	09
<b>CAPTURE-COMPUTE-COMMUNICATE</b>							
UNITED STATES	25710 5/21/02	5/21/01 STATUS CHECK	76/272,133			PENDING	09
UNITED STATES	25967 6/28/02	1/28/02 flup /Foreign Filing	76/364,420			PENDING	09
<b>Capture-Compute-Communicate (and design)</b>							
UNITED STATES	25711 5/10/02	5/22/01 ACCEPTANCE OF SOU?	76/260,820			ALLOWED	42
<b>CYGNAL</b>							
EUROPEAN UNION	24959 1/23/06	3/2/00 NOTIFY CLTIPOU	1536085	4/23/01	001536085	REGISTERED	
UNITED STATES	24755 5/13/02	9/3/99 STATUS CHECK/remand?	75/792,240			PENDING	
<b>CYGNAL (logo)</b>							
UNITED STATES	24752 5/28/02	9/3/99 ACCEPTANCE OF SOU?	75/792,241			PENDING	
<b>CYGNAL INTEGRATED PRODUCTS (logo)</b>							
UNITED STATES	24754 6/21/02	9/3/99 FINAL REJ./APPEAL	75/792,243			PENDING	
<b>CYGNAL.COM</b>							
UNITED STATES	24756 6/21/02	9/3/99 FINAL REJ./APPEAL	75/792,244			PENDING	

END OF REPORT

TOTAL ITEMS SELECTED 9