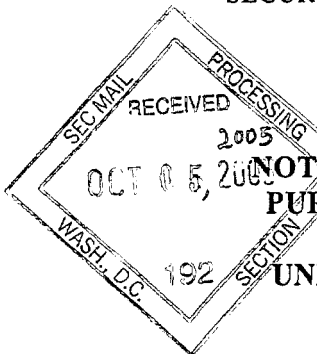


UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549



## FORM D

NOTICE OF SALE OF SECURITIES  
PURSUANT TO REGULATION D,  
Section 4(6), AND/OR  
UNIFORM LIMITED OFFERING  
EXEMPTION

## OMB APPROVAL

OMB Number: 3235-0076  
Expires: April 30, 2008  
Estimated average burden  
hours per response . . . 16.00

## SEC USE ONLY



05067235

Name of Offering ( check if this is an amendment and name has changed, and indicate change.)

CARDIO-OPTICS, INC. - OFFERING OF SERIES A PREFERRED STOCK, PROMISSORY NOTES AND WARRANTS

Filing Under (Check box(es) that apply):  Rule 504  Rule 505  Rule 506  Section 4(6)  ULOE  
Type of Filing:  New Filing  Amendment

## A. BASIC IDENTIFICATION DATA

1. Enter the information requested about the issuer

Name of Issuer ( check if this is an amendment and name has changed, and indicate change.)

Cardio-Optics, Inc.

Address of Executive Offices (Number and Street, City, State, Zip Code) Telephone Number (Including Area Code)  
2477 55<sup>th</sup> Street, Boulder, Colorado 80301 720-406-1560

Address of Principal Business Operations (if different from Executive Offices) (Number and Street, City, State, Zip Code) Telephone Number (Including Area Code)

Brief Description of Business  
Medical device manufacturer.

Type of Business Organization

- corporation  limited partnership, already formed  other (please specify):  
 business trust  limited partnership, to be formed

Actual or Estimated Date of Incorporation or Organization: Month Year  Actual  Estimated

Jurisdiction of Incorporation or Organization: (Enter two-letter U.S. Postal Service abbreviation for State:  
Delaware CN for Canada; FN for other foreign jurisdiction)

PROCESSED

OCT 11 2005

THOMSON  
FINANCIAL

## GENERAL INSTRUCTIONS

## Federal:

*Who Must File:* All issuers making an offering of securities in reliance on an exemption under Regulation D or Section 4(6), 17 CFR 230.501 et seq. or 15 U.S.C. 77d(6).

*When to File:* A notice must be filed no later than 15 days after the first sale of securities in the offering. A notice is deemed filed with the U.S. Securities and Exchange Commission (SEC) on the earlier of the date it is received by the SEC at the address given below or, if received at that address after the date on which it is due, on the date it was mailed by United States registered or certified mail to that address.

*Where to File:* U.S. Securities and Exchange Commission, 450 Fifth Street, N.W., Washington, D.C. 20549.

*Copies Required:* Five (5) copies of this notice must be filed with the SEC, one of which must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

*Information Required:* A new filing must contain all information requested. Amendments need only report the name of the issuer and offering, any changes thereto, the information requested in Part C, and any material changes from the information previously supplied in Parts A and B. Part E and the Appendix need not be filed with the SEC.

*Filing Fee:* There is no federal filing fee.

## State:

This notice shall be used to indicate reliance on the Uniform Limited Offering Exemption (ULOE) for sales of securities in those states that have adopted ULOE and that have adopted this form. Issuers relying on ULOE must file a separate notice with the Securities Administrator in each state where sales are to be, or have been made. If a state requires the payment of a fee as a precondition to the claim for the exemption, a fee in the proper amount shall accompany this form. This notice shall be filed in the appropriate states in accordance with state law. The Appendix to the notice constitutes a part of this notice and must be completed.

## ATTENTION

Failure to file notice in the appropriate states will not result in a loss of the federal exemption. Conversely, failure to file the appropriate federal notice will not result in a loss of an available state exemption unless such exemption is predicated on the filing of a federal notice.

SEC 1972 (5-05)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

WBO - 85856/0001 - 181333 v1

**A. BASIC IDENTIFICATION DATA**

2. Enter the information requested for the following:

- Each promoter of the issuer, if the issuer has been organized within the past five years;
- Each beneficial owner having the power to vote or dispose, or direct the vote or disposition of, 10% or more of a class of equity securities of the issuer;
- Each executive officer and director of corporate issuers and of corporate general and managing partners of partnership issuers; and
- Each general and managing partner of partnership issuers.

Check Boxes that Apply:     Promoter             Beneficial Owner     Executive Officer     Director             General and/or Managing Partner

Full Name (Last name first, if individual)

Blankenship, Larry

Business or Residence Address (Number and Street, City, State, Zip Code)

c/o Cardio-Optics, Inc., 2477 55<sup>th</sup> Street, Boulder, Colorado 80301

Check Boxes that Apply:     Promoter             Beneficial Owner     Executive Officer     Director             General and/or Managing Partner

Full Name (Last name first, if individual)

Mitchell, Dan

Business or Residence Address (Number and Street, City, State, Zip Code)

c/o Cardio-Optics, Inc., 2477 55<sup>th</sup> Street, Boulder, Colorado 80301

Check Boxes that Apply:     Promoter             Beneficial Owner     Executive Officer     Director             General and/or Managing Partner

Full Name (Last name first, if individual)

Hull, Brandon H.

Business or Residence Address (Number and Street, City, State, Zip Code)

c/o Cardio-Optics, Inc., 2477 55<sup>th</sup> Street, Boulder, Colorado 80301

Check Boxes that Apply:     Promoter             Beneficial Owner     Executive Officer     Director             General and/or Managing Partner

Full Name (Last name first, if individual)

Parrish, John

Business or Residence Address (Number and Street, City, State, Zip Code)

c/o Cardio-Optics, Inc., 2477 55<sup>th</sup> Street, Boulder, Colorado 80301

Check Boxes that Apply:     Promoter             Beneficial Owner     Executive Officer     Director             General and/or Managing Partner

Full Name (Last name first, if individual)

Bornheimer, James

Business or Residence Address (Number and Street, City, State, Zip Code)

c/o Cardio-Optics, Inc., 2477 55<sup>th</sup> Street, Boulder, Colorado 80301

Check Boxes that Apply:     Promoter             Beneficial Owner     Executive Officer     Director             General and/or Managing Partner

Full Name (Last name first, if individual)

Amundson, David

Business or Residence Address (Number and Street, City, State, Zip Code)

c/o Cardio-Optics, Inc., 2477 55<sup>th</sup> Street, Boulder, Colorado 80301

Check Boxes that Apply:     Promoter             Beneficial Owner     Executive Officer     Director             General and/or Managing Partner

Full Name (Last name first, if individual)

CHP II, L.P.

Business or Residence Address (Number and Street, City, State, Zip Code)

221 Nassau Street, Princeton, NJ 08542

Check Boxes that Apply:     Promoter             Beneficial Owner     Executive Officer     Director             General and/or Managing Partner

Full Name (Last name first, if individual)

Sequel Limited Partnership III

Business or Residence Address (Number and Street, City, State, Zip Code)

4430 Arapahoe Avenue, Suite 220, Boulder, Colorado 80303

(Use blank sheet, or copy and use additional copies of this sheet, as necessary)

Check Boxes that Apply:  Promoter  Beneficial Owner  Executive Officer  Director  General and/or Managing Partner

Full Name (Last name first, if individual)

Hanlin, H. John

Business or Residence Address (Number and Street, City, State, Zip Code)

c/o Cardio-Optics, Inc., 2477 55<sup>th</sup> Street, Boulder, Colorado 80301

Check Boxes that Apply:  Promoter  Beneficial Owner  Executive Officer  Director  General and/or Managing Partner

Full Name (Last name first, if individual)

Davenport, Todd F.

Business or Residence Address (Number and Street, City, State, Zip Code)

c/o Cardio-Optics, Inc., 2477 55<sup>th</sup> Street, Boulder, Colorado 80301

(Use blank sheet, or copy and use additional copies of this sheet, as necessary)

**B. INFORMATION ABOUT OFFERING**

1. Has the issuer sold, or does the issuer intend to sell, to non-accredited investors in this offering?.....  Yes  No  
Answer also in Appendix, Column 2, if filing under ULOE.
2. What is the minimum investment that will be accepted from any individual?..... \$ N/A
3. Does the offering permit joint ownership of a single unit?.....  Yes  No
4. Enter the information requested for each person who has been or will be paid or given, directly or indirectly, any commission or similar remuneration for solicitation of purchasers in connection with sales of securities in the offering. If a person to be listed is an associated person or agent of a broker or dealer registered with the SEC and/or with a state or states, list the name of the broker or dealer. If more than five (5) persons to be listed are associated persons of such a broker or dealer, you may set forth the information for that broker or dealer only.

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

Name of Associated Broker or Dealer

States in Which Person Listed Has Solicited or Intends to Solicit Purchasers\*

(Check "All States" or check individual States).....  All States

[AL]	[AK]	[AZ]	[AR]	[CA]	[CO]	[CT]	[DE]	[DC]	[FL]	[GA]	[HI]	[ID]
[IL]	[IN]	[IA]	[KS]	[KY]	[LA]	[ME]	[MD]	[MA]	[MI]	[MN]	[MS]	[MO]
[MT]	[NE]	[NV]	[NH]	[NJ]	[NM]	[NY]	[NC]	[ND]	[OH]	[OK]	[OR]	[PA]
[RI]	[SC]	[SD]	[TN]	[TX]	[UT]	[VT]	[VA]	[VA]	[WV]	[WI]	[WY]	[PR]

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

Name of Associated Broker or Dealer

States in Which Person Listed Has Solicited or Intends to Solicit Purchasers

(Check "All States" or check individual States).....  All States

[AL]	[AK]	[AZ]	[AR]	[CA]	[CO]	[CT]	[DE]	[DC]	[FL]	[GA]	[HI]	[ID]
[IL]	[IN]	[IA]	[KS]	[KY]	[LA]	[ME]	[MD]	[MA]	[MI]	[MN]	[MS]	[MO]
[MT]	[NE]	[NV]	[NH]	[NJ]	[NM]	[NY]	[NC]	[ND]	[OH]	[OK]	[OR]	[PA]
[RI]	[SC]	[SD]	[TN]	[TX]	[UT]	[VT]	[VA]	[VA]	[WV]	[WI]	[WY]	[PR]

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

Name of Associated Broker or Dealer

States in Which Person Listed Has Solicited or Intends to Solicit Purchasers

(Check "All States" or check individual States).....  All States

[AL]	[AK]	[AZ]	[AR]	[CA]	[CO]	[CT]	[DE]	[DC]	[FL]	[GA]	[HI]	[ID]
[IL]	[IN]	[IA]	[KS]	[KY]	[LA]	[ME]	[MD]	[MA]	[MI]	[MN]	[MS]	[MO]
[MT]	[NE]	[NV]	[NH]	[NJ]	[NM]	[NY]	[NC]	[ND]	[OH]	[OK]	[OR]	[PA]
[RI]	[SC]	[SD]	[TN]	[TX]	[UT]	[VT]	[VA]	[VA]	[WV]	[WI]	[WY]	[PR]

(Use blank sheet, or copy and use additional copies of this sheet, as necessary)

**C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS**

1. Enter the aggregate offering price of securities included in this offering and the total amount already sold. Enter "0" if answer is "none" or "zero." If the transaction is an exchange offering, check this box  and indicate in the columns below the amounts of the securities offered for exchange and already exchanged.

Type of Security	Aggregate Offering Price	Amount Already Sold
Debt: Convertible Secured Promissory Notes issued pursuant to Convertible Secured Promissory Note Purchase Agreement, between Issuer and investors, dated February 7, 2005, as amended August 31, 2005 ("New Notes") <sup>1</sup> .....	\$ <u>3,800,000.00</u>	\$ <u>3,800,000.00</u>
Equity .....	\$ <u>0</u>	\$ <u>0</u>
<input checked="" type="checkbox"/> Common Stock: Issuable to satisfy conversion rights of Series A Convertible Preferred Stock (as hereinafter defined.)		
<input checked="" type="checkbox"/> Preferred Stock Series A Convertible Preferred Stock, par value \$0.001 per share ("Series A Preferred Stock").		
Convertible Securities: Offering of (i) 4,845,568 shares of Series A Convertible Preferred Stock at \$1.5484 per share and (ii) warrants to purchase common stock issued upon conversion of certain promissory notes of the issuer ("Old Notes").	\$ <u>7,502,877.00</u>	\$ <u>7,502,877.00</u> <sup>2</sup>
Partnership Interests.....	\$ <u>0</u>	\$ <u>0</u>
Other (Specify _____)	\$ <u>0</u>	\$ <u>0</u>
Total .....	\$ <u>11,302,877.00</u>	\$ <u>11,302,877.00</u>

Answer also in Appendix, Column 3, if filing under ULOE.

2. Enter the number of accredited and non-accredited investors who have purchased securities in this offering and the aggregate dollar amounts of their purchases. For offerings under Rule 504, indicate the number of persons who have purchased securities and the aggregate dollar amount of their purchases on the total lines. Enter "0" if answer is "none" or "zero."

	Number Investors	Aggregate Dollar Amount of Purchases
Accredited Investors .....	<u>20</u>	\$ <u>11,302,877.00</u>
Non-accredited Investors .....	<u>N/A</u>	\$ <u>N/A</u>
Total (for filings under Rule 504 only).....	<u>N/A</u>	\$ <u>N/A</u>

Answer also in Appendix, Column 4, if filing under ULOE.

3. If this filing is for an offering under Rule 504 or 505, enter the information requested for all securities sold by the issuer, to date, in offerings of the types indicated, in the twelve (12) months prior to the first sale of securities in this offering. Classify securities by type listed in Part C - Question 1.

Type of Offering	Type of Security	Dollar Amount Sold
Rule 505.....	<u>N/A</u>	\$ <u>N/A</u>
Regulation A.....	<u>N/A</u>	\$ <u>N/A</u>
Rule 504.....	<u>N/A</u>	\$ <u>N/A</u>
Total .....	<u>N/A</u>	\$ <u>N/A</u>

4. a. Furnish a statement of all expenses in connection with the issuance and distribution of the securities in this offering. Exclude amounts relating solely to organization expenses of the issuer. The information may be given as subject to future contingencies. If the amount of an expenditure is not known, furnish an estimate and check the box to the left of the estimate.

Transfer Agent's Fees .....	<input type="checkbox"/>	\$ _____
Printing and Engraving Costs.....	<input type="checkbox"/>	\$ _____
Legal Fees.....	<input checked="" type="checkbox"/>	\$ <u>70,000.00</u>
Accounting Fees .....	<input type="checkbox"/>	\$ _____
Engineering Fees.....	<input type="checkbox"/>	\$ _____

<sup>1</sup> The outstanding principal and interest accrued under the Notes is convertible at the option of the holder into New Series Preferred in an equity financing of at least \$5,000,000 in gross proceeds, excluding the conversion of the Notes, or if the next round does not close prior to the maturity date, at the option of the holder, into (a) cash paid by the Company, (b) the Company's Series A Convertible Preferred Stock, and/or (c) the Next Equity Securities and/or any equity securities issued by the Company in any financing thereafter.

<sup>2</sup> Includes shares of Series A Preferred issuable upon conversion of outstanding principal and accrued interest in the amount of \$646,437 by the holders of the Old Notes. Upon conversion of the Old Notes, note holders also received warrants to purchase 73,063 shares of issuer's Common Stock ("Warrants").

Sales Commissions (specify finders' fees separately) .....	<input type="checkbox"/>	\$ _____
Finders' Fees .....	<input type="checkbox"/>	\$ _____
Other Expenses (Identify) Due diligence fees .....	<input checked="" type="checkbox"/>	\$ <u>5,000.00</u>
Total .....	<input type="checkbox"/>	\$ _____

**C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS**

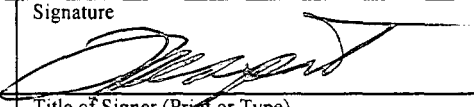

b. Enter the difference between the aggregate offering price given in response to Part C - Question 1 and total expenses furnished in response to Part C - Question 4.a. This difference is the "adjusted gross proceeds to the issuer" ..... \$ 11,227,877.00

5. Indicate below the amount of the adjusted gross proceeds to the issuer used or proposed to be used for each of the purposes shown. If the amount for any purpose is not known, furnish an estimate and check the box to the left of the estimate. The total of the payments listed must equal the adjusted gross proceeds to the issuer set forth in response to Part C - Question 4.b above.

	Payment to Officers, Directors, & Affiliates	Payment To Others
Salaries and fees .....	<input type="checkbox"/> \$ <u>0</u>	<input type="checkbox"/> \$ <u>0</u>
Purchase of real estate .....	<input type="checkbox"/> \$ <u>0</u>	<input type="checkbox"/> \$ <u>0</u>
Purchase, rental or leasing and installation of machinery and equipment.....	<input type="checkbox"/> \$ <u>0</u>	<input type="checkbox"/> \$ <u>0</u>
Construction or leasing of plant buildings and facilities.....	<input type="checkbox"/> \$ <u>0</u>	<input type="checkbox"/> \$ <u>0</u>
Acquisition of other businesses (including the value of securities involved in this offering that may be used in exchange for the assets or securities of another issuer pursuant to a merger) .....	<input type="checkbox"/> \$ <u>0</u>	<input type="checkbox"/> \$ <u>0</u>
Repayment of indebtedness .....	<input type="checkbox"/> \$ <u>0</u>	<input type="checkbox"/> \$ <u>0</u>
Working capital .....	<input type="checkbox"/> \$ <u>0</u>	<input type="checkbox"/> \$ <u>11,227,877.00</u>
Other (specify): .....	<input type="checkbox"/> \$ <u>0</u>	<input type="checkbox"/> \$ _____
Column Totals .....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Total Payments Listed (column totals added).....	<input type="checkbox"/> \$ <u>11,227,877.00</u>	

**D. FEDERAL SIGNATURE**

The issuer had duly caused this notice to be signed by the undersigned duly authorized person. If this notice is filed under Rule 505, the following signature constitutes an undertaking by the issuer to furnish to the U.S. Securities and Exchange Commission, upon written request of its staff, the information furnished by the issuer to any non-accredited investor pursuant to paragraph (b)(2) of Rule 502.

Issuer (Print or Type)	Signature	Date
<b>Cardio-Optics, Inc.</b>		 , 2005
Name of Signer (Print or Type)	Title of Signer (Print or Type)	
<b>Todd F. Davenport</b>	President and Chief Executive Officer	

**ATTENTION**  
Intentional misstatements or omissions of fact constitute federal criminal violations. (See 18 U.S.C. 1001.)


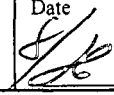
E. STATE SIGNATURE

1. Is any party described in 17 CFR 230.262 presently subject to any of the disqualification provisions of such rule? ..... Yes  No

See Appendix, Column 5, for state response.

2. The undersigned issuer hereby undertakes to furnish to the state administrator of any state in which the notice is filed, a notice on Form D (17 CFR 239.500) at such times as required by state law.
3. The undersigned issuer hereby undertakes to furnish to any state administrators, upon written request, information furnished by the issuer to offerees.
4. The undersigned issuer represents that the issuer is familiar with the conditions that must be satisfied to be entitled to the Uniform limited Offering Exemption (ULOE) of the state in which this notice is filed and understands that the issuer claiming the availability of this exemption has the burden of establishing that these conditions have been satisfied.

The issuer has read this notification and knows the contents to be true and has duly caused this notice to be signed on its behalf by the undersigned duly authorized person.

Issuer (Print or Type)	Signature	Date
<b>Cardio-Optics, Inc.</b>		 , 2005
Name of Signer (Print or Type)	Title of Signer (Print or Type)	
<b>Todd F. Davenport</b>	President and Chief Executive Officer	

APPENDIX

1	2 Intend to sell to non-accredited investors in State (Part B-Item 1)		3 Type of security and aggregate offering price offered in state (Part C-Item 1)	4 Type of investor and amount purchased in State (Part C-Item 2)				5 Disqualification under State ULOE (if yes, attach explanation of waiver granted) (Part E-Item 1)	
State	Yes	No	\$7,502,877 of Series A Preferred and Warrants; \$3,800,000 of Convertible Secured Promissory Notes	Number of Accredited Investors	Amount	Number of Non-Accredited Investors	Amount	Yes	No
CO		X	1,615,190 Series A Preferred Shares purchased; 99,419 Series A Shares and warrants to purchase 27,540 shares of Common Stock upon conversion of Old Notes; \$1,265,993 in New Notes	7	\$3,920,897	0	\$0		N/A
FL		X	17,034 Series A Preferred shares and Warrants to purchase 4,258 shares of Common Stock issued upon conversion of Old Note	1	\$26,375	0	\$0		N/A
NH		X	16,461 Series A Preferred shares and Warrants to purchase 4,115 shares of Common Stock issued upon conversion of Old Note	1	\$25,489	0	0		N/A
NJ		X	1,938,310 Series A Preferred Shares purchased; 16,450 Series A Shares and warrants to purchase 4,112 shares of Common Stock upon conversion of Old Note; \$1,520,471 in New Note	2	\$4,547,222	0	0		N/A
OH		X	1,292,068 Series A Preferred Shares purchased; \$1,013,536 in New Notes	2	\$3,014,174				



APPENDIX

1	2 Intend to sell to non-accredited investors in State (Part B-Item 1)		3 Type of security and aggregate offering price offered in state (Part C-Item 1)	4 Type of investor and amount purchased in State (Part C-Item 2)				5 Disqualification under State ULOE (if yes, attach explanation of waiver granted) (Part E-Item 1)	
State	Yes	No	<u>\$7,502,877</u> of Series A Preferred and Warrants; <u>\$3,800,000</u> of Convertible Secured Promissory Notes	Number of Accredited Investors	Amount	Number of Non-Accredited Investors	Amount	Yes	No
Bogotá, Columbia		X	16,664 Series A Preferred shares and Warrants to purchase 4,166 shares of Common Stock issued upon conversion of Old Note	1	\$25,804	0	\$0		N/A
British Columbia, Canada		X	100,185 Series A Preferred shares and Warrants to purchase 25,046 shares of Common Stock issued upon conversion of Old Notes	3	\$155,128	0	\$0		N/A
Norway		X	16,629 Series A Preferred shares and Warrants to purchase 4,157 shares of Common Stock issued upon conversion of Note	1	\$25,749	0	\$0		N/A
The Netherlands		X	134,638 Series A Preferred shares and Warrants to purchase 33,658 shares of Common Stock issued upon conversion of Old Notes	2	\$208,476	0	\$0		N/A