CYBEROPTICS CORP Form SC 13G/A August 13, 2002

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 13G/A UNDER THE SECURITIES EXCHANGE ACT OF 1934 (AMENDMENT NO. 6)

Cyberoptics Corporation

\_\_\_\_\_

(NAME OF ISSUER)

COMMON STOCK, NO PAR VALUE PER SHARE

(TITLE OF CLASS OF SECURITIES)

232517102

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\_\_\_\_\_

(CUSIP NUMBER)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[ ] Rule 13d-1(b)

\_\_\_\_\_

[ ] Rule 13d-1(c)

[ ] Rule 13d-1(d)

The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the notes).

\_\_\_\_\_

1 NAME OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

#### EQSF ADVISERS, INC. (EIN 13-3354359) \_ \_\_\_\_\_ \_\_\_\_\_ 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) [ ] (b) [ ] \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ 3 SEC USE ONLY \_ \_\_\_\_\_ \_\_\_\_\_ 4 CITIZENSHIP OR PLACE OF ORGANIZATION NEW YORK CORPORATION \_\_\_\_\_ 5 SOLE VOTING POWER 942,000 NUMBER OF -----\_\_\_\_\_ SHARES 6 SHARED VOTING POWER BENEFICIALLY OWNED BY NONE \_\_\_\_\_ \_\_\_\_\_ EACH 7 SOLE DISPOSITIVE POWER REPORTING 1,229,000 PERSON \_\_\_\_\_ \_\_\_\_\_ 8 SHARED DISPOSITIVE POWER WITH NONE \_\_\_\_\_ \_\_\_\_\_ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,229,000 \_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES 10 CERTAIN SHARES\* [ ] \_ \_\_\_\_\_ \_\_\_\_\_ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 15.09% \_\_\_\_\_\_ \_\_\_\_\_ 12 TYPE OF REPORTING PERSON\*

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1		PORTING PERSONS R.S. IDENTIFICATION NOS. OF ABOVE PERSONS
		AN ADVISERS, INC.
	(EIN 13-368	36379)
2	CHECK THE <i>F</i> (a) [ ] (b) [ ]	APPROPRIATE BOX IF A MEMBER OF A GROUP*
3	SEC USE ONI	LY
 4	CITIZENSHIE	P OR PLACE OF ORGANIZATION
		NEW YORK CORPORATION
		5 SOLE VOTING POWER
		13,750
NUI	MBER OF	
	SHARES EFICIALLY	6 SHARED VOTING POWER
01	WNED BY	NONE
	EACH EPORTING PERSON	7 SOLE DISPOSITIVE POWER
		13,750
	WITH	8 SHARED DISPOSITIVE POWER
		NONE
)	AGGREGATE A PERSON	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING
	13,750	
.0	CHECK BOX I CERTAIN SHA	

11	PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (11)
	0.17%	
12	TYPE OF REP	ORTING PERSON*
	IA	
1		ORTING PERSONS .S. IDENTIFICATION NOS. OF ABOVE PERSONS
	MARTIN	J. WHITMAN
	1111(111)	
2	(a) [ ]	PPROPRIATE BOX IF A MEMBER OF A GROUP*
	(b) [ ]	
 3	SEC USE ONL	Υ
5		-
4	CITIZENSHIP	OR PLACE OF ORGANIZATION
		USA
		5 SOLE VOTING POWER
NUT	IMBER OF	NONE (SEE ITEM 4)
110		
		6 SHARED VOTING POWER
	SHARES	NONE
	EFICIALLY WNED BY	
0		
	EACH	7 SOLE DISPOSITIVE POWER
RE	PORTING	NONE (SEE ITEM 4)
PER	SON WITH	8 SHARED DISPOSITIVE POWER
		NONE
9	AGGREGATE A PERSON	MOUNT BENEFICIALLY OWNED BY EACH REPORTING
	-0-	(SEE ITEM 4)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* [ ]
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) -0-
12 TYPE OF REPORTING PERSON*

ITEM 1.

(A) NAME OF ISSUER:

Cyberoptics Corporation (the "Issuer").

(B) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES OR, IF NONE, RESIDENCE: 5900 Golden Hills Drive, Minneapolis, MN 55416

ITEM 2.

(A) NAME OF PERSON FILING:

This schedule is being jointly filed by EQSF Advisers, Inc. ("EQSF"), M.J. Whitman Advisers, Inc. ("MJWA") and Martin J. Whitman, the Chief Executive Officer of EQSF and Chief Investment Officer of MJWA and controlling person of EQSF and MJWA. (EQSF, MJWA and Martin J. Whitman are sometimes collectively referred to hereinafter as "Filer"). Attached hereto as an exhibit is a copy of the joint Schedule 13G filing agreement among the reporting persons.

(B) ADDRESS OF PRINCIPAL BUSINESS OFFICE:

The address of the principal executive office of EQSF, MJWA and Mr. Whitman is: 767 Third Avenue, New York, New York 10017-2023.

(C) CITIZENSHIP:

The citizenship or place of organization of each of the reporting persons is as follows:

EQSF New York State Corporation. MJWA New York State Corporation. MARTIN J. WHITMAN United States Citizen.

(D) TITLE OF CLASS OF SECURITIES:

Common Stock, no par value per share.

(E) CUSIP NUMBER:

232517102

ITEM 3. IF THIS STATEMENT IS BEING FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A:

(E) Investment Adviser registered under section 203 OF THE INVESTMENT ADVISERS ACT OF 1940 (EQSF and MJWA).

ITEM 4. OWNERSHIP.

(a) & (b) EQSF beneficially owns 1,229,000 shares, or 15.09% of the class of securities of the issuer. MJWA beneficially owns 13,750 shares, or 0.17% of the class of securities of the issuer.

- (c) (i) EQSF: 1,229,000 MJWA: 13,750
  - (ii) Not applicable.
  - (iii) EQSF: 1,229,000 MJWA: 13,750
    - (iv) Not applicable.

Mr. Whitman disclaims beneficial ownership of all such shares.

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [].

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

Third Avenue Small-Cap Value Portfolio of the Met Investors Series Trust, an investment company registered under the Investment Company Act of 1940, has the right to receive dividends from, and the proceeds from the sale of,10,000 of the shares reported by EQSF, Third Avenue Small-Cap Value Fund, an investment company registered under the Investment Company Act of 1940, has the right to receive dividends from, and the proceeds from the sale of, 548,800 of the shares reported by EQSF, Third Avenue Value Portfolio of the WRL Series Fund, an investment company registered under the Investment Company Act of 1940, has the right to receive dividends from, and the proceeds from the sale of, 135,400 of the shares reported by EQSF, American Express Partners Small-Cap Value Portfolio, an investment company registered under the Investment Company Act of 1940, has the right to receive dividends from, and the proceeds from the sale of 263,600 of the shares reported by EQSF, Third Avenue Variable Portfolio of the Third Avenue Variable Series Trust, an investment company registered under the Investment Company Act of 1940, has the right to receive dividends from, and the proceeds from the sale of 232,800 of the shares reported by EQSF, American Express Variable Annuity, an investment company registered under the Investment Company Act of 1940, has the right to receive dividends from, and the proceeds from the sale of 23,400 of the shares reported by EQSF, and Integrity Life/Legends Third Avenue Value Fund, an investment company registered under the Investment Company Act of 1940, has the right to receive dividends from, and the

proceeds from the sale of 15,000 of the shares reported by EQSF. Various clients for whom MJWA acts as investment advisor have the right to receive dividends from, and the proceeds of the sale of, the shares reported by MJWA.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY.

Not Applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

Not applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP.

Not applicable.

ITEM 10. CERTIFICATION.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

July 12, 2002 (Date)

EQSF ADVISERS, INC.

BY:/S/ MARTIN J. WHITMAN

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Martin J. Whitman Chairman and Chief Executive Officer

M.J. WHITMAN ADVISERS, INC.

BY:/S/ MARTIN J. WHITMAN

Martin J. Whitman Chairman and Chief Investment Officer

/S/ MARTIN J. WHITMAN

Martin J. Whitman, President