PIPER JAFFRAY COMPANIES Form 13F-HR February 07, 2007

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

Form 13F

Form 13F COVER PAGE

Report for	the Calendar Year or Quarter Ended: December 31, 2006					
Check here	if Amendment []; Amendment Number:					
This Amendm	ment (Check only one.): [] is a restatement. [] adds new holdings entries.					
Institution	al Investment Manager Filing this Report:					
Name:	Piper Jaffray Companies					
Address:	800 Nicollet Mall					
	Suite 800					
	Minneapolis, MN 55402-7020					
Form 13F F	'ile Number: 28-10776					

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

Signature, Place, and Date of Signing:

/s/ Greg N	Meyer	Minneapolis, MN	2/7/07
[Signature	======================================	[City, State]	[Date]
Report Typ	oe (Check only one.):		
[X]	13F HOLDINGS REPORT. manager are reported		dings of this reporting
[]	•	ere if no holdings reported by other reported	rted are in this report, rting manager(s).)
[]		er are reported in this	rtion of the holdings for report and a portion are

FORM 13F SUMMARY PAGE

Report Summary:

Number of Other Included Managers:	0	
Form 13F Information Table Entry Total:	 79	
Form 13F Information Table Value Total:	\$ 61,651	
	 (thousands)	

List of Other Included Managers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report. NONE

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMI	N 5		COLUMN
NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (X\$1000)	SHRS OR PRN AMT	- ,	- ,	INVESTMENT DISCRETION
24/7 REAL MEDIA INC 8X8 INC NEW ACORDA THERAPEUTICS INC ADVANCED MEDICAL OPTICS INC AGCO CORP AGCO CORP ALASKA COMMUNICATIONS SYS GR	COM NEW COM COM NOTE 2.500% 7/1 NOTE 1.750%12/3 NOTE 1.250%12/1 COM	001084AL6	9 2 4,533 3,781 246	4,000 8,000 96 4,685,000 2,500,000 250,000 563	SH SH PRN PRN PRN		

COHEN & STEERS INC CORTS TR VI IBM DEB CREDENCE SYS CORP CUBIST PHARMACEUTICALS INC CYBERONICS INC CYTORI THERAPEUTICS INC CYTYC CORP DIODES INC	COM COM NOTE 3.250% 7/0 COM COM COM NOTE 2.500% 3/2 COM COM COM NOTE 3.750% 2/0 NOTE 0.250% 5/0 COM CTF CAL 6.375% NOTE 1.500% 5/1 NOTE 2.250% 6/1 COM COM NOTE 2.250% 3/1 NOTE 2.250% 10/0 NOTE 3.250%11/1 COM	01988P108 02043Q107 02744MAA6 040047102 043136100 073685109 09061GAC5 127387108 148435100 151020104 171779AA9 171779AB7 19247A100 22080F202 225302AF5 229678AC1 23251P102 23283K105 232946AB9 254543AA9 270321AA0 278856109 28176E108	4 2 9,222 1,460 1,481 5 3 484 227 522 102 2,341 904 826 1 2,455 2,378 2,128 210 376 517	139 100 7,907,000 100 56 100 1,207,000 82,700 800 250,000 13,000 4,000 2,500,000 1,000,000 40,000 2,284,000 2,500,000 2,500,000 10,205 8,000 11,000	SH SH SH PRN SH SH SH PRN SH SH PRN PRN PRN SH SH PRN PRN PRN PRN PRN SH CALL SH PRN PRN PRN SH SH PRN SH PRN PRN SH PRN SH PRN SH PRN
	SPONSORED ADR	290138205 292475209		100 30,000	-
EURONET WORLDWIDE INC		298736109		•	
FORD MTR CO DEL	NOTE 4 250%12/1				
GAMETECH INTERNATIONAL INC		36466D102	19	1,600	
GENCO SHIPPING & TRADING LTD				•	
HARRIS INTERACTIVE INC	COM	414549105	2		
HARRIS INTERACTIVE INC	COM	414349103	۷	400	SIL

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUM	N 5		COLUMN
NAME OF ISSUER	TITLE OF CLASS						INVESTMENT DISCRETION
HITTITE MICROWAVE CORP	COM	43365Y104	555	17,182	SH		
INCYTE CORP	NOTE 3.500% 2/1	45337CAE2	804	1,000,000	PRN		
INNERWORKINGS INC	COM	45773Y105	2	100	SH		
INSPIRE PHARMACEUTICALS INC	COM	457733103	12	1,820	SH		
INTEL CORP							
INTERNATIONAL RECTIFIER CORP							
INVITROGEN CORP	COM	46185R100	6	111	SH		
JABIL CIRCUIT INC	COM	466313103	39	1,600	SH		
JONES SODA CO	COM	48023P106	36	2,940	SH		
JUPITERMEDIA CORP KLA-TENCOR CORP	COM	48207D101	2	312	SH		
KLA-TENCOR CORP	COM	482480100	1	17	SH		
KOMAG INC	COM NEW	500453204	3	79	SH		
KRAFT FOODS INC	CL A	50075N104	893	25,000	SH	CALL	
LATTICE SEMICONDUCTOR CORP	NOTE 7/0	518415AE4	4,738	5,000,000	PRN		
MAF BANCORP INC	COM						
MELLON FINL CORP	COM	58551A108	25	600	SH		

MENTOR CORP MINN	NOTE 2.750% 1/0	587188AC7	4,275	2,500,000	PRN
METABOLIX INC				888	
MILLENNIUM PHARMACEUTICALS I	NOTE 2.250%11/1	599902AD5	740	750,000	PRN
MOTOROLA INC	COM	620076109	33	1,600	SH
NASDAQ STOCK MARKET INC	COM	631103108	9	300	SH
	COM	64125K101	4	200	-
NYSE GROUP INC	COM	62949W103	5,389	55,440	SH
O I CORP	COM	670841105	9	800	SH
O2MICRO INTERNATIONAL LTD	SPONS ADR	67107W100	43	5,011	SH
OMRIX BIOPHARMACEUTICALS INC	COM	681989109	2	50	SH
PAIN THERAPEUTICS INC	COM	69562K100	183	20,536	SH
PEOPLESUPPORT INC	COM	712714302	2	100	SH
POZEN INC	COM	73941U102	8	478	SH
RF MICRODEVICES INC	NOTE 1.500% 7/0	749941AE0	2,641	2,500,000	PRN
ROYAL BK SCOTLAND GROUP PLC	SP ADR L RP PF	780097788	63	2,600	SH
ROYAL BK SCOTLAND GROUP PLC					
SANDISK CORP	NOTE 1.000% 5/1				PRN
	COM				SH
SHANDA INTERACTIVE ENTMT LTD	SPONSORED ADR	81941Q203	7	328	SH
SYBASE INC	NOTE 1.750% 2/2				PRN
TRIZETTO GROUP INC	NOTE 2.750%10/0	896882AB3	1,757	1,500,000	PRN
VITAL IMAGES INC	COM	92846N104	3	100	SH
VITAL SIGNS INC	COM	928469105	42	832	SH