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MARSHALL & ILSLEY CORP  
Form 13F-HR  
February 12, 2008

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D. C. 20549  
Form 13F

Form 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: 12/31/2007

Check here if Amendment [ ]; Amendment Number:

This Amendment (Check only one.): [ ] is a restatement.

[ ] adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: Marshall & Ilsley Corporation  
Address: 770 North Water Street  
Milwaukee, WI 53202

Form 13F File Number: 28-272

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:

Name: Jeffrey O. Himstreet  
Title: Sr. Vice President  
Phone: 414-765-7809

Signature, Place, and Date of Signing:

<u>/s/ Jeffrey O. Himstreet</u>	<u>Milwaukee, WI</u>	<u>02/05/2008</u>
[Signature]	[City, State]	[Date]

Report Type (Check only one.):

[X] 13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)

[ ] 13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)

[ ] 13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

Form 13F SUMMARY PAGE

Report Summary:

Number of Other Included Managers: 3

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Form 13F Information Table Entry Total: 1,957  
 Form 13F Information Table Value Total: \$ 5,497,693  
 (thousands)

List of Other Included Mangers:

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.

[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

No.	Form 13F File Number	Name
01	28-7680	Marshall & Ilsley Trust Company N.A. (formerly known as M&I National Trust Company and successor to Marshall & Ilsley Trust Company, 13F file no. 28-273; Marshall & Ilsley Trust Company of Florida, 13F file no. 28-4318; and Marshall & Ilsley Trust Company of Arizona, SEC file no. 28-4316)
05	28-274	M&I Investment Management Corp.
03	28-12568	North Star Trust Company

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MARSHALL & ILSLEY TRUST CO N.A.  
 SECURITIES AND EXCHANGE COMMISSION FORM 13F  
 ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
1ST SOURCE CORP	COM	336901103	6	357	SH	X			01
1ST SOURCE CORP	COM	336901103	623	35,963	SH			X	01
3M CO	COM	88579Y101	23,779	282,003	SH	X			01
3M CO	COM	88579Y101	5,531	65,592	SH			X	01
AAR CORP	COM	000361105	864	22,713	SH	X			01
ABB LTD	SPONS ADR	000375204	4,203	145,949	SH	X			01
ABB LTD	SPONS ADR	000375204	890	30,913	SH			X	01
ABBOTT LABS	COM	002824100	22,101	393,607	SH	X			01
ABBOTT LABS	COM	002824100	6,642	118,284	SH			X	01
ABERCROMBIE & FITCH C	CL A	002896207	792	9,899	SH	X			01
ABERCROMBIE & FITCH C	CL A	002896207	2	22	SH			X	01
ACACIA RESH CORP	COM	003881307	2,120	236,110	SH	X			01
ACCENTURE LTD BERMUDA	CL A	G1150G111	1,705	47,324	SH	X			01
ACCENTURE LTD BERMUDA	CL A	G1150G111	446	12,371	SH			X	01
ACCO BRANDS CORP	COM	00081T108	494	30,818	SH	X			01

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ACE LTD	ORD	G0070K103	9,843	159,326	SH	X		01
ACE LTD	ORD	G0070K103	88	1,421	SH		X	01
ACTIVISION INC NEW	COM NEW	004930202	3,249	109,398	SH	X		01
ACTIVISION INC NEW	COM NEW	004930202	3	111	SH		X	01
ACTUANT CORP	CL A NEW	00508X203	224	6,600	SH	X		01
ACUITY BRANDS INC	COM	00508Y102	299	6,651	SH	X		01
ACUITY BRANDS INC	COM	00508Y102	41	900	SH		X	01
ADOBE SYS INC	COM	00724F101	7,674	179,601	SH	X		01
ADOBE SYS INC	COM	00724F101	16	374	SH		X	01
ADVANTAGE ENERGY INCO	COM	00762L101	212	24,010	SH	X		01
ADVISORY BRD CO	COM	00762W107	3,972	61,881	SH	X		01
AECOM TECHNOLOGY CORP	COM	00766T100	2,700	94,516	SH	X		01
AEGON N V	ORDAMERREG	007924103	419	23,923	SH	X		01
AEGON N V	ORDAMERREG	007924103	596	33,989	SH		X	01
AES CORP	COM	00130H105	761	35,597	SH	X		01
AES CORP	COM	00130H105	62	2,908	SH		X	01
AETNA INC NEW	COM	00817Y108	1,084	18,783	SH	X		01
AETNA INC NEW	COM	00817Y108	578	10,017	SH		X	01
AFC ENTERPRISES INC	COM	00104Q107	148	13,050	SH	X		01
AFLAC INC	COM	001055102	15,754	251,538	SH	X		01
AFLAC INC	COM	001055102	1,081	17,263	SH		X	01
AGRIUM INC	COM	008916108	3,063	42,412	SH	X		01
AIR PRODS & CHEMS INC	COM	009158106	14,650	148,538	SH	X		01
AIR PRODS & CHEMS INC	COM	009158106	1,991	20,186	SH		X	01
AIRGAS INC	COM	009363102	494	9,488	SH	X		01
AK STL HLDG CORP	COM	001547108	236	5,114	SH	X		01
AK STL HLDG CORP	COM	001547108	35	760	SH		X	01
AKAMAI TECHNOLOGIES I	COM	00971T101	7,065	204,196	SH	X		01
AKAMAI TECHNOLOGIES I	COM	00971T101	54	1,549	SH		X	01
ALBANY INTL CORP	CL A	012348108	298	8,021	SH	X		01
ALBANY INTL CORP	CL A	012348108	39	1,040	SH		X	01
ALCATEL-LUCENT	SPONS ADR	013904305	228	31,212	SH	X		01
ALCATEL-LUCENT	SPONS ADR	013904305	537	73,347	SH		X	01
ALCOA INC	COM	013817101	4,533	124,020	SH	X		01
ALCOA INC	COM	013817101	1,688	46,196	SH		X	01
ALCON INC	COM SHS	H01301102	1,503	10,509	SH	X		01
ALCON INC	COM SHS	H01301102	147	1,025	SH		X	01
ALEXION PHARMACEUTICA	COM	015351109	5,569	74,220	SH	X		01
ALLEGHENY ENERGY INC	COM	017361106	1,076	16,909	SH	X		01
ALLEGHENY ENERGY INC	COM	017361106	34	527	SH		X	01
ALLEGHENY TECHNOLOGIE	COM	01741R102	644	7,450	SH	X		01
ALLEGHENY TECHNOLOGIE	COM	01741R102	18	213	SH		X	01
ALLERGAN INC	COM	018490102	5,558	86,524	SH	X		01
ALLERGAN INC	COM	018490102	553	8,602	SH		X	01
ALLETE INC	COM NEW	018522300	317	8,000	SH	X		01
ALLETE INC	COM NEW	018522300	19	486	SH		X	01
ALLIANCEBRNSTN HOLDIN	UNITLTDPRT	01881G106	45	596	SH	X		01
ALLIANCEBRNSTN HOLDIN	UNITLTDPRT	01881G106	467	6,200	SH		X	01
ALLIANT ENERGY CORP	COM	018802108	2,697	66,275	SH	X		01
ALLIANT ENERGY CORP	COM	018802108	301	7,393	SH		X	01
ALLIANT TECHSYSTEMS I	COM	018804104	12,401	109,012	SH	X		01
ALLIANT TECHSYSTEMS I	COM	018804104	10	85	SH		X	01
ALLIANZ SE	SP ADR	018805101	149	7,023	SH	X		01
ALLIANZ SE	SP ADR	018805101	280	13,172	SH		X	01
ALLIED IRISH BKS P L	SPON ADR	019228402	5	100	SH	X		01
ALLIED IRISH BKS P L	SPONS ADR	019228402	196	4,275	SH		X	01
ALLSTATE CORP	COM	020002101	2,416	46,266	SH	X		01
ALLSTATE CORP	COM	020002101	599	11,459	SH		X	01
ALTERA CORP	COM	021441100	431	22,296	SH	X		01
ALTERA CORP	COM	021441100	125	6,479	SH		X	01
ALTRIA GROUP INC	COM	02209S103	52,410	693,431	SH	X		01
ALTRIA GROUP INC	COM	02209S103	17,643	233,440	SH		X	01

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ALUMINA LTD	SPONS ADR	022205108	452	20,484	SH		X	01
AMAZON COM INC	COM	023135106	5,615	60,608	SH	X		01
AMAZON COM INC	COM	023135106	33	351	SH		X	01
AMEREN CORP	COM	023608102	9,087	167,627	SH	X		01
AMEREN CORP	COM	023608102	387	7,133	SH		X	01
AMERICA MOVIL SAB	SPON ADR	02364W105	1,189	19,362	SH	X		01
AMERICA MOVIL SAB	SPON ADR	02364W105	1,050	17,098	SH		X	01
AMERICAN CAPITAL STRA	COM	024937104	803	24,372	SH	X		01
AMERICAN CAPITAL STRA	COM	024937104	54	1,640	SH		X	01
AMERICAN EAGLE OUTFIT	COM	02553E106	1,926	92,730	SH	X		01
AMERICAN EAGLE OUTFIT	COM	02553E106	2	120	SH		X	01
AMERICAN ELEC PWR INC	COM	025537101	2,491	53,502	SH	X		01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - COLUMN 2 - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
AMERICAN ELEC PWR INC	COM	025537101	104	2,224	SH			X	01
AMERICAN EXPRESS CO	COM	025816109	8,316	159,865	SH	X			01
AMERICAN EXPRESS CO	COM	025816109	1,759	33,805	SH			X	01
AMERICAN INTL GROUP	COM	026874107	24,059	412,674	SH	X			01
AMERICAN INTL GROUP	COM	026874107	2,337	40,091	SH			X	01
AMERICAN NATL INS CO	COM	028591105	309	2,550	SH	X			01
AMERICAN SUPERCONDUCT	COM	030111108	2,491	91,113	SH	X			01
AMERICAN TECHNOLOGY	COM NEW	030145205	25	10,000	SH			X	01
AMERICAN TOWER CORP	CL A	029912201	3,181	74,662	SH	X			01
AMERICAN TOWER CORP	CL A	029912201	129	3,037	SH			X	01
AMERIPRISE FINL INC	COM	03076C106	4,165	75,577	SH	X			01
AMERIPRISE FINL INC	COM	03076C106	182	3,301	SH			X	01
AMERISOURCEBERGEN COR	COM	03073E105	8,971	199,927	SH	X			01
AMERISOURCEBERGEN COR	COM	03073E105	30	676	SH			X	01
AMERON INTL INC	COM	030710107	4,921	53,402	SH	X			01
AMETEK INC NEW	COM	031100100	212	4,519	SH	X			01
AMETEK INC NEW	COM	031100100	52	1,102	SH			X	01
AMGEN INC	COM	031162100	5,189	111,732	SH	X			01
AMGEN INC	COM	031162100	629	13,555	SH			X	01
AMPHENOL CORP NEW	CL A	032095101	3,455	74,504	SH	X			01
AMPHENOL CORP NEW	CL A	032095101	69	1,489	SH			X	01
ANADARKO PETE CORP	COM	032511107	1,578	24,018	SH	X			01
ANADARKO PETE CORP	COM	032511107	603	9,177	SH			X	01
ANALOG DEVICES INC	COM	032654105	610	19,239	SH	X			01
ANALOG DEVICES INC	COM	032654105	16	496	SH			X	01
ANCHOR BANCORP WIS INC	COM	032839102	399	16,974	SH	X			01
ANCHOR BANCORP WIS INC	COM	032839102	501	21,280	SH			X	01
ANGLO AMERN PLC	ADR NEW	03485P201	25	833	SH	X			01
ANGLO AMERN PLC	ADR NEW	03485P201	282	9,275	SH			X	01
ANGLOGOLD ASHANTI LTD	SPONS ADR	035128206	9	200	SH	X			01
ANGLOGOLD ASHANTI LTD	SPONS ADR	035128206	623	14,562	SH			X	01

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ANHEUSER BUSCH COS INC	COM	035229103	6,557	125,280	SH	X			01
ANHEUSER BUSCH COS INC	COM	035229103	4,675	89,325	SH		X		01
ANSYS INC	COM	03662Q105	6,115	147,480	SH	X			01
ANTHRACITE CAP INC	COM	037023108	80	11,050	SH	X			01
AON CORP	COM	037389103	9,927	208,151	SH	X			01
AON CORP	COM	037389103	148	3,102	SH		X		01
APACHE CORP	COM	037411105	20,429	189,962	SH	X			01
APACHE CORP	COM	037411105	1,494	13,891	SH		X		01
APARTMENT INVT & MGMT	CL A	03748R101	1,545	44,487	SH	X			01
APARTMENT INVT & MGMT	CL A	03748R101	52	1,483	SH		X		01
APOGEE ENTERPRISES INC	COM	037598109	4,211	246,134	SH	X			01
APOGEE ENTERPRISES INC	COM	037598109	77	4,526	SH		X		01
APOLLO GROUP INC	CL A	037604105	6,614	94,277	SH	X			01
APOLLO GROUP INC	CL A	037604105	40	573	SH		X		01
APPLE INC	COM	037833100	24,492	123,645	SH	X			01
APPLE INC	COM	037833100	2,306	11,643	SH		X		01
APPLERA CORP	COM	038020103	995	29,348	SH	X			01
APPLERA CORP	COM	038020103	8	250	SH		X		01
APPLIED MATLS INC	COM	038222105	10,313	580,711	SH	X			01
APPLIED MATLS INC	COM	038222105	579	32,581	SH		X		01
AQUILA INC	COM	03840P102	63	16,898	SH	X			01
AQUILA INC	COM	03840P102	62	16,660	SH		X		01
ARCELORMITTAL SA	NY REGIS	SH03938L104	477	6,162	SH	X			01
ARCHER DANIELS MIDLAN	COM	039483102	4,699	101,216	SH	X			01
ARCHER DANIELS MIDLAN	COM	039483102	399	8,589	SH		X		01
ARROW ELECTRS INC	COM	042735100	6,274	159,725	SH	X			01
ARROW ELECTRS INC	COM	042735100	84	2,145	SH		X		01
ARVINMERITOR INC	COM	043353101	139	11,857	SH	X			01
ARVINMERITOR INC	COM	043353101	13	1,080	SH		X		01
ASSOCIATED BANC CORP	COM	045487105	6,009	221,805	SH	X			01
ASSOCIATED BANC CORP	COM	045487105	1,209	44,622	SH		X		01
ASSURANT INC	COM	04621X108	14,217	212,508	SH	X			01
ASSURANT INC	COM	04621X108	1	21	SH		X		01
ASTRAZENECA PLC	SPONS ADR	046353108	224	5,235	SH	X			01
ASTRAZENECA PLC	SPONS ADR	046353108	464	10,831	SH		X		01
AT&T INC	COM	00206R102	51,049	1,228,330	SH	X			01
AT&T INC	COM	00206R102	8,026	193,108	SH		X		01
ATS MED INC	COM	002083103	31	14,000	SH	X			01
AUTHENTEC INC	COM	052660107	3,337	229,661	SH	X			01
AUTODESK INC	COM	052769106	3,603	72,416	SH	X			01
AUTODESK INC	COM	052769106	36	728	SH		X		01
AUTOLIV INC	COM	052800109	5,422	102,867	SH	X			01
AUTOLIV INC	COM	052800109	101	1,910	SH		X		01
AUTOMATIC DATA PROCES	COM	053015103	1,162	26,093	SH	X			01
AUTOMATIC DATA PROCES	COM	053015103	1,216	27,312	SH		X		01
AUTONATION INC	COM	05329W102	493	31,468	SH	X			01
AUTONATION INC	COM	05329W102	2	150	SH		X		01
AUTOZONE INC	COM	053332102	734	6,125	SH	X			01
AUTOZONE INC	COM	053332102	17	140	SH		X		01
AVALONBAY CMNTYS INC	COM	053484101	458	4,869	SH	X			01
AVERY DENNISON CORP	COM	053611109	2,661	50,066	SH	X			01
AVERY DENNISON CORP	COM	053611109	243	4,580	SH		X		01
AVI BIOPHARMA INC	COM	002346104	120	85,000	SH	X			01
AVNET INC	COM	053807103	2,398	68,586	SH	X			01
AVNET INC	COM	053807103	34	958	SH		X		01
AVON PRODS INC	COM	054303102	1,000	25,296	SH	X			01
AVON PRODS INC	COM	054303102	1	25	SH		X		01
BADGER METER INC	COM	056525108	40,174	893,746	SH	X			01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
BADGER METER INC	COM	056525108	820	18,250	SH			X	01
BAIDU COM INC	SPON ADR	056752108	156	400	SH	X			01
BAIDU COM INC	SPON ADR	056752108	107	275	SH			X	01
BAKER HUGHES INC	COM	057224107	2,501	30,837	SH	X			01
BAKER HUGHES INC	COM	057224107	136	1,671	SH			X	01
BALDOR ELEC CO	COM	057741100	314	9,341	SH	X			01
BALL CORP	COM	058498106	2,698	59,946	SH	X			01
BALL CORP	COM	058498106	45	992	SH			X	01
BANCO SANTANDER SA	ADR	05964H105	126	5,868	SH	X			01
BANCO SANTANDER SA	ADR	05964H105	186	8,650	SH			X	01
BANK MUTUAL CORP NEW	COM	063750103	120	11,323	SH	X			01
BANK MUTUAL CORP NEW	COM	063750103	128	12,090	SH			X	01
BANK OF AMERICA	COM	060505104	28,761	697,056	SH	X			01
BANK OF AMERICA	COM	060505104	4,745	115,009	SH			X	01
BANK OF NEW YORK MELLON	COM	064058100	4,856	99,589	SH	X			01
BANK OF NEW YORK MELLON	COM	064058100	1,447	29,675	SH			X	01
BANKRATE INC	COM	06646V108	2,587	53,793	SH	X			01
BANKUNITED FINL CORP	CL A	06652B103	69	10,000	SH	X			01
BARCLAYS BK PLC	DJAIG CMDTY	06738C778	740	13,158	SH	X			01
BARCLAYS PLC	ADR	06738E204	243	6,008	SH	X			01
BARCLAYS PLC	ADR	06738E204	10	250	SH			X	01
BARD C R INC	COM	067383109	948	10,005	SH	X			01
BARD C R INC	COM	067383109	2,062	21,749	SH			X	01
BARRICK GOLD CORP	COM	067901108	165	3,926	SH	X			01
BARRICK GOLD CORP	COM	067901108	1,379	32,791	SH			X	01
BAXTER INTL INC	COM	071813109	13,660	235,310	SH	X			01
BAXTER INTL INC	COM	071813109	1,660	28,595	SH			X	01
BB&T CORP	COM	054937107	2,574	83,930	SH	X			01
BB&T CORP	COM	054937107	210	6,855	SH			X	01
BE AEROSPACE INC	COM	073302101	6,720	127,036	SH	X			01
BE AEROSPACE INC	COM	073302101	25	473	SH			X	01
BEAR STEARNS COS INC	COM	073902108	363	4,108	SH	X			01
BEAR STEARNS COS INC	COM	073902108	11	128	SH			X	01
BECTON DICKINSON & CO	COM	075887109	1,060	12,685	SH	X			01
BECTON DICKINSON & CO	COM	075887109	36	429	SH			X	01
BELDEN INC	COM	077454106	609	13,690	SH	X			01
BELDEN INC	COM	077454106	47	1,055	SH			X	01
BEMIS INC	COM	081437105	344	12,549	SH	X			01
BEMIS INC	COM	081437105	59	2,167	SH			X	01
BERKLEY W R CORP	COM	084423102	2,273	76,255	SH	X			01
BERKLEY W R CORP	COM	084423102	26	875	SH			X	01
BERKSHIRE HATHAWAY	CL A	084670108	708	5	SH	X			01
BERKSHIRE HATHAWAY	CL A	084670108	2,407	17	SH			X	01
BERKSHIRE HATHAWAY	CL B	084670207	4,755	1,004	SH	X			01
BERKSHIRE HATHAWAY	CL B	084670207	2,387	504	SH			X	01
BEST BUY INC	COM	086516101	7,495	142,363	SH	X			01
BEST BUY INC	COM	086516101	675	12,820	SH			X	01

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BG GROUP PLC	ADR FIN	055434203	187	1,638	SH	X			01
BG GROUP PLC	ADR FIN	055434203	93	812	SH		X		01
BHP BILLITON LTD	SPONS ADR	088606108	405	5,783	SH	X			01
BHP BILLITON LTD	SPONS ADR	088606108	906	12,932	SH		X		01
BIG LOTS INC	COM	089302103	372	23,275	SH	X			01
BIG LOTS INC	COM	089302103	5	299	SH		X		01
BIO RAD LABS INC	CL A	090572207	238	2,300	SH	X			01
BIOGEN IDEC INC	COM	09062X103	296	5,192	SH	X			01
BIOGEN IDEC INC	COM	09062X103	60	1,052	SH		X		01
BIOMARIN PHARMACEUTIC	COM	09061G101	8,128	229,604	SH	X			01
BJ SVCS CO	COM	055482103	276	11,390	SH	X			01
BJ SVCS CO	COM	055482103	7	297	SH		X		01
BLACK & DECKER CORP	COM	091797100	303	4,347	SH	X			01
BLACK & DECKER CORP	COM	091797100	6	87	SH		X		01
BLACKROCK INC	COM	09247X101	5,575	25,716	SH	X			01
BLACKROCK INC	COM	09247X101	817	3,770	SH		X		01
BLOCK H & R INC	COM	093671105	208	11,194	SH	X			01
BLOCK H & R INC	COM	093671105	88	4,749	SH		X		01
BLUE COAT SYSTEMS INC	COM NEW	09534T508	2,441	74,248	SH	X			01
BLUEPHOENIX SOLUTIONS	SHS	M20157109	3,433	189,438	SH	X			01
BMC SOFTWARE INC	COM	055921100	1,847	51,827	SH	X			01
BMC SOFTWARE INC	COM	055921100	319	8,954	SH		X		01
BOEING CO	COM	097023105	17,376	198,677	SH	X			01
BOEING CO	COM	097023105	2,091	23,903	SH		X		01
BORGWARNER INC	COM	099724106	714	14,753	SH	X			01
BOSTON SCIENTIFIC COR	COM	101137107	134	11,492	SH	X			01
BOSTON SCIENTIFIC COR	COM	101137107	4	309	SH		X		01
BP PLC	SPONS ADR	055622104	14,103	192,741	SH	X			01
BP PLC	SPONS ADR	055622104	7,224	98,734	SH		X		01
BRADY CORP	CL A	104674106	138	3,930	SH	X			01
BRADY CORP	CL A	104674106	1,622	46,236	SH		X		01
BRIGGS & STRATTON COR	COM	109043109	1,159	51,134	SH	X			01
BRIGGS & STRATTON COR	COM	109043109	379	16,720	SH		X		01
BRIGHTPOINT INC	COM NEW	109473405	5,608	365,102	SH	X			01
BRIGHTPOINT INC	COM NEW	109473405	21	1,362	SH		X		01
BRINKS CO	COM	109696104	308	5,161	SH	X			01
BRISTOL MYERS SQUIBB	COM	110122108	19,449	733,353	SH	X			01
BRISTOL MYERS SQUIBB	COM	110122108	2,151	81,098	SH		X		01
BRISTOW GROUP INC	COM	110394103	370	6,538	SH	X			01
BRISTOW GROUP INC	COM	110394103	42	750	SH		X		01
BROADCOM CORP	CL A	111320107	813	31,116	SH	X			01
BROADCOM CORP	CL A	111320107	3	118	SH		X		01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

-- -- -- COLUMN 1 -- -- -- COLUMN 2 -- -- -- COLUMN 3 -- -- -- COLUMN 4 -- -- -- COLUMN 5 -- -- -- COLUMN 6 -- -- -- COLUMN 7 -- --

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NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE SHR (A)	SHR (B)	OTHR (C)	OTHER MGRS
BROOKFIELD ASSET MGMT	CL A	112585104	189	5,300	SH	X			01

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BROOKFIELD ASSET MGMT	CL A	112585104	28	798	SH		X	01
BROWN FORMAN CORP	CL B	115637209	346	4,671	SH	X		01
BROWN FORMAN CORP	CL B	115637209	3	36	SH		X	01
BRUNSWICK CORP	COM	117043109	527	30,910	SH	X		01
BRUNSWICK CORP	COM	117043109	2	126	SH		X	01
BURLINGTON NORTHN SAN	COM	12189T104	2,062	24,775	SH	X		01
BURLINGTON NORTHN SAN	COM	12189T104	837	10,061	SH		X	01
C H ROBINSON WORLDWIDE	COM NEW	12541W209	1,003	18,541	SH	X		01
C H ROBINSON WORLDWIDE	COM NEW	12541W209	400	7,388	SH		X	01
CA INC	COM	12673P105	401	16,083	SH	X		01
CA INC	COM	12673P105	163	6,546	SH		X	01
CADENCE DESIGN SYSTEM	COM	127387108	2,706	159,076	SH	X		01
CAMECO CORP	COM	13321L108	482	12,100	SH	X		01
CAMECO CORP	COM	13321L108	474	11,900	SH		X	01
CAMERON INTERNATIONAL	COM	13342B105	2,225	46,234	SH	X		01
CAMERON INTERNATIONAL	COM	13342B105	195	4,044	SH		X	01
CAMPBELL SOUP CO	COM	134429109	1,653	46,251	SH	X		01
CAMPBELL SOUP CO	COM	134429109	140	3,910	SH		X	01
CANADIAN NAT RES LTD	COM	136385101	196	2,676	SH	X		01
CANADIAN NAT RES LTD	COM	136385101	88	1,210	SH		X	01
CANON INC	ADR	138006309	748	16,330	SH	X		01
CANON INC	ADR	138006309	400	8,722	SH		X	01
CAPITAL ONE FINL CORP	COM	14040H105	284	6,000	SH	X		01
CAPITAL ONE FINL CORP	COM	14040H105	365	7,726	SH		X	01
CARDINAL HEALTH INC	COM	14149Y108	3,294	57,041	SH	X		01
CARDINAL HEALTH INC	COM	14149Y108	896	15,513	SH		X	01
CARDIUM THERAPEUTICS	COM	141916106	26	10,000	SH	X		01
CARNIVAL CORP	PAIRED CTF	143658300	648	14,556	SH	X		01
CARNIVAL CORP	PAIRED CTF	143658300	343	7,716	SH		X	01
CATERPILLAR INC DEL	COM	149123101	12,421	171,183	SH	X		01
CATERPILLAR INC DEL	COM	149123101	4,279	58,970	SH		X	01
CBS CORP NEW	CL B	124857202	5,427	199,162	SH	X		01
CBS CORP NEW	CL B	124857202	118	4,315	SH		X	01
CELGENE CORP	COM	151020104	387	8,378	SH	X		01
CELGENE CORP	COM	151020104	43	940	SH		X	01
CENTERPLATE INC	UNIT	15200E204	18	2,000	SH	X		01
CENTERPLATE INC	UNIT	15200E204	167	18,500	SH		X	01
CENTERPOINT ENERGY INC	COM	15189T107	4,303	251,200	SH	X		01
CENTERPOINT ENERGY INC	COM	15189T107	90	5,252	SH		X	01
CENTRAL EUROPEAN DIST	COM	153435102	12,318	212,086	SH	X		01
CENTRAL EUROPEAN MEDIA	CL A NEW	G20045202	3,714	32,020	SH	X		01
CENTURYTEL INC	COM	156700106	250	6,041	SH	X		01
CENTURYTEL INC	COM	156700106	58	1,387	SH		X	01
CENVEO INC	COM	15670S105	269	15,400	SH	X		01
CEPHEID	COM	15670R107	3,925	148,965	SH	X		01
CERNER CORP	COM	156782104	2,575	45,648	SH	X		01
CHARLES RIV LABS INTL	COM	159864107	2,782	42,286	SH	X		01
CHARLES RIV LABS INTL	COM	159864107	73	1,105	SH		X	01
CHECKPOINT SYS INC	COM	162825103	414	15,927	SH	X		01
CHESAPEAKE ENERGY COR	COM	165167107	4,092	104,397	SH	X		01
CHESAPEAKE ENERGY COR	COM	165167107	80	2,041	SH		X	01
CHEVRON CORP NEW	COM	166764100	74,995	803,544	SH	X		01
CHEVRON CORP NEW	COM	166764100	7,913	84,788	SH		X	01
CHICAGO BRIDGE & IRON	NY REGS SH	167250109	2,590	42,849	SH	X		01
CHICAGO BRIDGE & IRON	NY REGS SH	167250109	20	339	SH		X	01
CHINA DIRECT INC	COM	169384104	3,119	354,429	SH	X		01
CHINA MOBILE LIMITED	SPONS ADR	16941M109	323	3,720	SH	X		01
CHUBB CORP	COM	171232101	8,301	152,097	SH	X		01
CHUBB CORP	COM	171232101	343	6,293	SH		X	01
CHUNGHWA TELECOM CO L	SPONS ADR	17133Q205	775	42,241	SH		X	01
CIGNA CORP	COM	125509109	1,503	27,979	SH	X		01
CIGNA CORP	COM	125509109	340	6,329	SH		X	01



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CINCINNATI BELL INC	COM	171871106	62	12,980	SH	X			01
CINCINNATI FINL CORP	COM	172062101	2,022	51,135	SH	X			01
CINCINNATI FINL CORP	COM	172062101	79	1,995	SH		X		01
CINTAS CORP	COM	172908105	977	29,055	SH	X			01
CINTAS CORP	COM	172908105	284	8,445	SH		X		01
CISCO SYS INC	COM	17275R102	40,183	1,484,407	SH	X			01
CISCO SYS INC	COM	17275R102	4,633	171,156	SH		X		01
CIT GROUP INC	COM	125581108	4,793	199,466	SH	X			01
CIT GROUP INC	COM	125581108	110	4,587	SH		X		01
CITIGROUP INC	COM	172967101	20,783	705,947	SH	X			01
CITIGROUP INC	COM	172967101	3,192	108,409	SH		X		01
CITIZENS COMMUNICATIONS	COM	17453B101	5,920	465,022	SH	X			01
CITIZENS COMMUNICATIONS	COM	17453B101	118	9,290	SH		X		01
CITRIX SYS INC	COM	177376100	4,002	105,301	SH	X			01
CITRIX SYS INC	COM	177376100	19	494	SH		X		01
CITY NATL CORP	COM	178566105	4,503	75,616	SH	X			01
CLARCOR INC	COM	179895107	29	773	SH	X			01
CLARCOR INC	COM	179895107	532	14,000	SH		X		01
CLAYMORE ETF	BNY BRI&C	18383M100	1,135	21,254	SH	X			01
CLAYMORE ETF	BNY BRI&C	18383M100	165	3,091	SH		X		01
CLEAN HARBORS INC	COM	184496107	2,474	47,852	SH	X			01
CLEAR CHANNEL COMM	COM	184502102	646	18,714	SH	X			01
CLEAR CHANNEL COMM	COM	184502102	61	1,755	SH		X		01
CLOROX CO DEL	COM	189054109	991	15,199	SH	X			01
CLOROX CO DEL	COM	189054109	68	1,040	SH		X		01
CME GROUP INC	COM	12572Q105	4,606	6,715	SH	X			01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
CME GROUP INC	COM	12572Q105	59	86	SH			X	01
CMS ENERGY CORP	COM	125896100	9,771	562,185	SH	X			01
CMS ENERGY CORP	COM	125896100	7	395	SH			X	01
COACH INC	COM	189754104	1,084	35,455	SH	X			01
COACH INC	COM	189754104	813	26,600	SH			X	01
COCA COLA CO	COM	191216100	38,901	633,873	SH	X			01
COCA COLA CO	COM	191216100	5,533	90,159	SH			X	01
COCA COLA ENTERPRISES	COM	191219104	8,396	322,533	SH	X			01
COCA COLA ENTERPRISES	COM	191219104	5	178	SH			X	01
COEUR D ALENE MINES	COM	192108108	54	11,000	SH	X			01
COGNIZANT TECHNOLOGY	CL A	192446102	4,340	127,885	SH	X			01
COGNIZANT TECHNOLOGY	CL A	192446102	411	12,101	SH			X	01
COLGATE PALMOLIVE CO	COM	194162103	26,104	334,834	SH	X			01
COLGATE PALMOLIVE CO	COM	194162103	3,700	47,462	SH			X	01
COMCAST CORP NEW	CL A	20030N101	6,220	340,640	SH	X			01
COMCAST CORP NEW	CL A	20030N101	432	23,665	SH			X	01
COMCAST CORP NEW	CL A SPL	20030N200	49	2,727	SH	X			01

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COMCAST CORP NEW	CL A SPL	20030N200	454	25,043	SH		X	01
COMERICA INC	COM	200340107	611	14,047	SH	X		01
COMERICA INC	COM	200340107	135	3,105	SH		X	01
COMMERCE BANCORP INC	COM	200519106	528	13,853	SH	X		01
COMMERCE BANCORP INC	COM	200519106	18	463	SH		X	01
COMMERCE BANCSHARES I	COM	200525103	3,547	79,065	SH	X		01
COMMERCE BANCSHARES I	COM	200525103	1,215	27,078	SH		X	01
COMMERCE GROUP INC	COM	200641108	59	1,648	SH	X		01
COMMERCE GROUP INC	COM	200641108	191	5,310	SH		X	01
COMMERCIAL METALS CO	COM	201723103	1,054	35,799	SH	X		01
COMMSCOPE INC	COM	203372107	159	3,234	SH	X		01
COMMSCOPE INC	COM	203372107	92	1,869	SH		X	01
COMPANHIA DE BEBIDAS	SPONS ADR	20441W203	153	2,153	SH	X		01
COMPANHIA DE BEBIDAS	SPONS ADR	20441W203	82	1,160	SH		X	01
COMPASS MINERALS INTL	COM	20451N101	3,451	84,176	SH	X		01
COMPUTER SCIENCES COR	COM	205363104	1,519	30,710	SH	X		01
COMPUTER SCIENCES COR	COM	205363104	171	3,457	SH		X	01
COMTECH GROUP INC	COM NEW	205821200	2,618	162,489	SH	X		01
CONAGRA FOODS INC	COM	205887102	4,946	207,920	SH	X		01
CONAGRA FOODS INC	COM	205887102	116	4,855	SH		X	01
CONOCOPHILLIPS	COM	20825C104	29,315	331,996	SH	X		01
CONOCOPHILLIPS	COM	20825C104	3,512	39,769	SH		X	01
CONSECO INC	COM NEW	208464883	241	19,150	SH	X		01
CONSOL ENERGY INC	COM	20854P109	369	5,155	SH	X		01
CONSOLIDATED EDISON I	COM	209115104	9,687	198,291	SH	X		01
CONSOLIDATED EDISON I	COM	209115104	273	5,591	SH		X	01
CONSOLIDATED GRAPHICS	COM	209341106	303	6,343	SH	X		01
CONSTELLATION BRANDS	CL A	21036P108	104	4,420	SH	X		01
CONSTELLATION BRANDS	CL A	21036P108	112	4,745	SH		X	01
CONSTELLATION ENERGY	COM	210371100	2,695	26,286	SH	X		01
CONSTELLATION ENERGY	COM	210371100	54	525	SH		X	01
CONTANGO OIL & GAS CO	COM NEW	21075N204	8,134	159,843	SH	X		01
CONTINENTAL AIRLS INC	CL B	210795308	3,235	145,400	SH	X		01
CONVERGYS CORP	COM	212485106	402	24,410	SH	X		01
CONVERGYS CORP	COM	212485106	2	104	SH		X	01
COOPER INDS LTD	CL A	G24182100	739	13,982	SH	X		01
COOPER INDS LTD	CL A	G24182100	24	458	SH		X	01
CORINTHIAN COLLEGES	COM	218868107	3,936	255,574	SH	X		01
CORN PRODS INTL INC	COM	219023108	317	8,632	SH	X		01
CORNING INC	COM	219350105	5,952	248,118	SH	X		01
CORNING INC	COM	219350105	236	9,828	SH		X	01
COSTCO WHSL CORP NEW	COM	22160K105	1,648	23,622	SH	X		01
COSTCO WHSL CORP NEW	COM	22160K105	488	6,998	SH		X	01
COUNTRYWIDE FINANCIAL	COM	222372104	301	33,717	SH	X		01
COUNTRYWIDE FINANCIAL	COM	222372104	1	66	SH		X	01
COVANCE INC	COM	222816100	3,062	35,349	SH	X		01
COVENTRY HEALTH CARE	COM	222862104	830	14,004	SH	X		01
COVENTRY HEALTH CARE	COM	222862104	3	45	SH		X	01
COVIDIEN LTD	COM	G2552X108	1,114	25,148	SH	X		01
COVIDIEN LTD	COM	G2552X108	271	6,113	SH		X	01
CREDICORP LTD	COM	G2519Y108	2,164	28,368	SH	X		01
CREDIT SUISSE GROUP	SPONS ADR	225401108	203	3,370	SH	X		01
CREDIT SUISSE GROUP	SPONS ADR	225401108	5	80	SH		X	01
CROCS INC	COM	227046109	6,685	181,611	SH	X		01
CROCS INC	COM	227046109	21	575	SH		X	01
CROWN CASTLE INTL COR	COM	228227104	2,519	60,554	SH	X		01
CROWN CASTLE INTL COR	COM	228227104	83	2,000	SH		X	01
CSX CORP	COM	126408103	777	17,657	SH	X		01
CSX CORP	COM	126408103	417	9,486	SH		X	01
CTC MEDIA INC	COM	12642X106	8,431	279,183	SH	X		01
CUMMINS INC	COM	231021106	3,380	26,536	SH	X		01
CUMMINS INC	COM	231021106	68	531	SH		X	01

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CURRENCYSHS JAPANESE	JAPANESE	YE23130A102	3	34	SH	X			01
CURRENCYSHS JAPANESE	JAPANESE	YE23130A102	199	2,223	SH			X	01
CVS CAREMARK CORP	COM	126650100	12,765	321,131	SH	X			01
CVS CAREMARK CORP	COM	126650100	457	11,503	SH			X	01
CYTEC INDS INC	COM	232820100	5,807	94,294	SH	X			01
CYTEC INDS INC	COM	232820100	19	306	SH			X	01
DANAHER CORP DEL	COM	235851102	3,340	38,068	SH	X			01
DANAHER CORP DEL	COM	235851102	219	2,493	SH			X	01
DARDEN RESTAURANTS INC	COM	237194105	232	8,384	SH	X			01
DARDEN RESTAURANTS INC	COM	237194105	6	214	SH			X	01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

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NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
DARLING INTL INC	COM	237266101	2,284	197,596	SH	X			01
DARLING INTL INC	COM	237266101	14	1,197	SH			X	01
DAVITA INC	COM	23918K108	7,160	127,056	SH	X			01
DAVITA INC	COM	23918K108	55	975	SH			X	01
DEERE & CO	COM	244199105	25,267	271,335	SH	X			01
DEERE & CO	COM	244199105	1,451	15,583	SH			X	01
DELL INC	COM	24702R101	17,025	694,606	SH	X			01
DELL INC	COM	24702R101	651	26,558	SH			X	01
DENBURY RES INC	COM NEW	247916208	189	6,354	SH	X			01
DENBURY RES INC	COM NEW	247916208	21	704	SH			X	01
DENNYS CORP	COM	24869P104	178	47,420	SH	X			01
DENTSPLY INTL INC NEW	COM	249030107	10,898	242,067	SH	X			01
DENTSPLY INTL INC NEW	COM	249030107	33	731	SH			X	01
DEUTSCHE TELEKOM AG	SPONS ADR	251566105	262	12,110	SH	X			01
DEUTSCHE TELEKOM AG	SPONS ADR	251566105	11	490	SH			X	01
DEVON ENERGY CORP NEW	COM	25179M103	5,538	62,292	SH	X			01
DEVON ENERGY CORP NEW	COM	25179M103	240	2,700	SH			X	01
DEVRY INC DEL	COM	251893103	7,054	135,757	SH	X			01
DG FASTCHANNEL INC	COM	23326R109	2,984	116,374	SH	X			01
DIAGEO P L C	SPON ADR	NE25243Q205	871	10,145	SH	X			01
DIAGEO P L C	SPON ADR	NE25243Q205	365	4,258	SH			X	01
DIAMOND OFFSHORE DRIL	COM	25271C102	4,168	29,353	SH	X			01
DIAMONDS TR	UNIT SER 1	252787106	6,686	50,445	SH	X			01
DICKS SPORTING GOODS	COM	253393102	1,932	69,602	SH	X			01
DICKS SPORTING GOODS	COM	253393102	19	688	SH			X	01
DIRECTV GROUP INC	COM	25459L106	603	26,083	SH	X			01
DIRECTV GROUP INC	COM	25459L106	433	18,737	SH			X	01
DISCOVER FINL SVCS	COM	254709108	249	16,511	SH	X			01
DISCOVER FINL SVCS	COM	254709108	31	2,054	SH			X	01
DISCOVERY HOLDING CO	CL A COM	25468Y107	2,798	111,291	SH	X			01
DISCOVERY HOLDING CO	CL A COM	25468Y107	75	3,001	SH			X	01
DISNEY WALT CO	COM DISNEY	254687106	11,762	364,373	SH	X			01
DISNEY WALT CO	COM DISNEY	254687106	1,544	47,824	SH			X	01

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DNP SELECT INCOME FD	COM	23325P104	802	75,715	SH	X		01
DNP SELECT INCOME FD	COM	23325P104	32	3,000	SH		X	01
DOMINION RES INC	COM	25746U109	2,064	43,488	SH	X		01
DOMINION RES INC	COM	25746U109	103	2,170	SH		X	01
DONNELLEY R R & SONS	COM	257867101	6,078	161,044	SH	X		01
DONNELLEY R R & SONS	COM	257867101	62	1,636	SH		X	01
DOUBLE-TAKE SOFTWARE	COM	258598101	2,712	124,867	SH	X		01
DOVER CORP	COM	260003108	222	4,813	SH	X		01
DOVER CORP	COM	260003108	151	3,270	SH		X	01
DOW CHEM CO	COM	260543103	10,857	275,428	SH	X		01
DOW CHEM CO	COM	260543103	1,111	28,191	SH		X	01
DRS TECHNOLOGIES INC	COM	23330X100	471	8,680	SH	X		01
DRYSHIPS INC	SHS	Y2109Q101	1,883	24,323	SH	X		01
DST SYS INC DEL	COM	233326107	2,403	29,106	SH	X		01
DTE ENERGY CO	COM	233331107	5,307	120,715	SH	X		01
DTE ENERGY CO	COM	233331107	118	2,683	SH		X	01
DU PONT E I DE NEMOUR	COM	263534109	7,186	162,987	SH	X		01
DU PONT E I DE NEMOUR	COM	263534109	1,054	23,913	SH		X	01
DUKE ENERGY CORP NEW	COM	26441C105	3,463	171,691	SH	X		01
DUKE ENERGY CORP NEW	COM	26441C105	328	16,253	SH		X	01
DUKE REALTY CORP	COM NEW	264411505	221	8,477	SH	X		01
DUKE REALTY CORP	COM NEW	264411505	117	4,505	SH		X	01
DUN & BRADSTREET CORP	COM	26483E100	2,258	25,472	SH	X		01
DUN & BRADSTREET CORP	COM	26483E100	11	125	SH		X	01
DYNEGY INC DEL	CL A	26817G102	86	12,078	SH	X		01
DYNEGY INC DEL	CL A	26817G102	3	434	SH		X	01
E M C CORP MASS	COM	268648102	7,178	387,363	SH	X		01
E M C CORP MASS	COM	268648102	104	5,621	SH		X	01
EASTMAN CHEM CO	COM	277432100	1,513	24,774	SH	X		01
EASTMAN CHEM CO	COM	277432100	47	767	SH		X	01
EASTMAN KODAK CO	COM	277461109	830	37,956	SH	X		01
EASTMAN KODAK CO	COM	277461109	41	1,864	SH		X	01
EATON CORP	COM	278058102	12,534	129,280	SH	X		01
EATON CORP	COM	278058102	469	4,840	SH		X	01
EATON VANCE TAX-ADVAN	COM	27828G107	139	5,000	SH	X		01
EATON VANCE TAX-ADVAN	COM	27828G107	83	2,975	SH		X	01
EATON VANCE LTD DURAT	COM	27828H105	231	15,500	SH	X		01
EATON VANCE LTD DURAT	COM	27828H105	8	520	SH		X	01
EBAY INC	COM	278642103	5,099	153,639	SH	X		01
EBAY INC	COM	278642103	200	6,025	SH		X	01
ECOLAB INC	COM	278865100	1,409	27,513	SH	X		01
ECOLAB INC	COM	278865100	495	9,670	SH		X	01
EDISON INTL	COM	281020107	11,899	222,944	SH	X		01
EDISON INTL	COM	281020107	85	1,585	SH		X	01
EDWARDS LIFESCIENCES	COM	28176E108	841	18,278	SH	X		01
EDWARDS LIFESCIENCES	COM	28176E108	40	867	SH		X	01
EINSTEIN NOAH REST GR	COM	28257U104	2,207	121,619	SH	X		01
EL PASO CORP	COM	28336L109	9,312	540,156	SH	X		01
EL PASO CORP	COM	28336L109	21	1,203	SH		X	01
ELECTRONIC ARTS INC	COM	285512109	9,453	161,833	SH	X		01
ELECTRONIC ARTS INC	COM	285512109	531	9,094	SH		X	01
ELECTRONIC DATA SYS N	COM	285661104	249	11,992	SH	X		01
ELECTRONIC DATA SYS N	COM	285661104	10	476	SH		X	01
ELECTRONICS FOR IMAGING	COM	286082102	6,455	287,138	SH	X		01
ELECTRONICS FOR IMAGING	COM	286082102	7	290	SH		X	01
EMBARQ CORP	COM	29078E105	9,717	196,186	SH	X		01

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MARSHALL & ILSLEY TRUST CO N.A.  
 SECURITIES AND EXCHANGE COMMISSION FORM 13F  
 ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (\$X1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
EMBARQ CORP	COM	29078E105	69	1,384	SH			X	01
EMERSON ELEC CO	COM	291011104	24,878	439,076	SH	X			01
EMERSON ELEC CO	COM	291011104	6,377	112,553	SH			X	01
EMPIRE DIST ELEC CO	COM	291641108	938	41,198	SH	X			01
EMPIRE DIST ELEC CO	COM	291641108	21	926	SH			X	01
ENCANA CORP	COM	292505104	188	2,770	SH	X			01
ENCANA CORP	COM	292505104	215	3,166	SH			X	01
ENDESA S A	SPONS ADR	29258N107	413	7,800	SH			X	01
ENERGEN CORP	COM	29265N108	262	4,082	SH	X			01
ENERGIZER HLDGS INC	COM	29266R108	9,622	85,811	SH	X			01
ENERGIZER HLDGS INC	COM	29266R108	4,003	35,703	SH			X	01
ENERPLUS RES FD	UNIT TR G	N29274D604	519	12,955	SH	X			01
ENERPLUS RES FD	UNIT TR G	N29274D604	280	7,000	SH			X	01
ENERSYS	COM	29275Y102	3,676	147,286	SH	X			01
ENI S P A	SPONS ADR	26874R108	19	259	SH	X			01
ENI S P A	SPONS ADR	26874R108	364	5,027	SH			X	01
ENSCO INTL INC	COM	26874Q100	969	16,256	SH	X			01
ENSCO INTL INC	COM	26874Q100	198	3,328	SH			X	01
ENERGY CORP NEW	COM	29364G103	13,386	111,996	SH	X			01
ENERGY CORP NEW	COM	29364G103	8	71	SH			X	01
ENTERPRISE PRODS PRTRN	COM	293792107	221	6,925	SH	X			01
ENTERPRISE PRODS PRTRN	COM	293792107	22	700	SH			X	01
EOG RES INC	COM	26875P101	993	11,124	SH	X			01
EOG RES INC	COM	26875P101	173	1,936	SH			X	01
EQUIFAX INC	COM	294429105	552	15,195	SH	X			01
EQUIFAX INC	COM	294429105	14	395	SH			X	01
EQUINIX INC	COM NEW	29444U502	8,535	84,444	SH	X			01
EQUINIX INC	COM NEW	29444U502	9	90	SH			X	01
EQUITABLE RES INC	COM	294549100	7,064	132,584	SH	X			01
EQUITY RESIDENTIAL	SH BEN INT	29476L107	1,774	48,645	SH	X			01
EQUITY RESIDENTIAL	SH BEN INT	29476L107	55	1,498	SH			X	01
ERICSSON L M TEL CO	ADR B SEK	1294821608	432	18,510	SH	X			01
ERICSSON L M TEL CO	ADR B SEK	1294821608	383	16,389	SH			X	01
EXELON CORP	COM	30161N101	13,386	163,968	SH	X			01
EXELON CORP	COM	30161N101	802	9,819	SH			X	01
EXPEDIA INC DEL	COM	30212P105	220	6,956	SH	X			01
EXPEDIA INC DEL	COM	30212P105	6	199	SH			X	01
EXPEDITORS INTL WASH	COM	302130109	382	8,541	SH	X			01
EXPEDITORS INTL WASH	COM	302130109	7	165	SH			X	01
EXPRESS SCRIPTS INC	COM	302182100	4,604	63,069	SH	X			01
EXPRESS SCRIPTS INC	COM	302182100	939	12,863	SH			X	01
EXXON MOBIL CORP	COM	30231G102	111,345	1,188,444	SH	X			01
EXXON MOBIL CORP	COM	30231G102	27,341	291,822	SH			X	01
FACTSET RESH SYS INC	COM	303075105	2,210	39,673	SH	X			01
FACTSET RESH SYS INC	COM	303075105	27	486	SH			X	01
FAIR ISAAC CORP	COM	303250104	2,992	93,078	SH	X			01
FALCONSTOR SOFTWARE	COM	306137100	4,389	389,814	SH	X			01
FAMILY DLR STORES INC	COM	307000109	432	22,481	SH	X			01
FAMILY DLR STORES INC	COM	307000109	98	5,096	SH			X	01

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FASTENAL CO	COM	311900104	1,213	30,004	SH	X			01
FASTENAL CO	COM	311900104	14	345	SH		X		01
FEDERAL HOME LN MTG	COM	313400301	964	28,306	SH	X			01
FEDERAL HOME LN MTG	COM	313400301	171	5,006	SH		X		01
FEDERAL NATL MTG ASSN	COM	313586109	1,666	41,683	SH	X			01
FEDERAL NATL MTG ASSN	COM	313586109	542	13,563	SH		X		01
FEDERAL SIGNAL CORP	COM	313855108	618	55,100	SH	X			01
FEDERAL SIGNAL CORP	COM	313855108	10	900	SH		X		01
FEDERATED INVS INC PA	CL B	314211103	948	23,041	SH	X			01
FEDERATED INVS INC PA	CL B	314211103	14	341	SH		X		01
FEDEX CORP	COM	31428X106	962	10,787	SH	X			01
FEDEX CORP	COM	31428X106	246	2,761	SH		X		01
FERRELLGAS PARTNERS	UNIT LTD	PA315293100	307	14,000	SH	X			01
FIFTH THIRD BANCORP	COM	316773100	2,870	114,206	SH	X			01
FIFTH THIRD BANCORP	COM	316773100	437	17,396	SH		X		01
FIRST HORIZON NATL CO	COM	320517105	1,005	55,361	SH	X			01
FIRST HORIZON NATL CO	COM	320517105	33	1,816	SH		X		01
FIRST IND CORP COM		32054R108	8,500	265,629	SH	X			01
FIRST IND CORP COM		32054R108	784	24,502	SH		X		01
FIRST PL FINL CORP	COM	33610T109	226	16,187	SH	X			01
FIRSTENERGY CORP	COM	337932107	5,328	73,659	SH	X			01
FIRSTENERGY CORP	COM	337932107	69	960	SH		X		01
FISERV INC	COM	337738108	12,717	229,180	SH	X			01
FISERV INC	COM	337738108	393	7,084	SH		X		01
FLEXTRONICS INTL LTD	ORD	Y2573F102	2,740	227,210	SH	X			01
FLEXTRONICS INTL LTD	ORD	Y2573F102	15	1,228	SH		X		01
FLIR SYS INC	COM	302445101	190	6,056	SH	X			01
FLIR SYS INC	COM	302445101	36	1,136	SH		X		01
FLOWERVE CORP	COM	34354P105	217	2,254	SH	X			01
FLOWERVE CORP	COM	34354P105	19	197	SH		X		01
FLUOR CORP NEW	COM	343412102	2,283	15,664	SH	X			01
FLUOR CORP NEW	COM	343412102	27	188	SH		X		01
FMC TECHNOLOGIES INC	COM	30249U101	869	15,329	SH	X			01
FMC TECHNOLOGIES INC	COM	30249U101	342	6,036	SH		X		01
FNB CORP PA	COM	302520101	493	33,546	SH	X			01
FORD MTR CO DEL	COM PAR	\$0.345370860	391	58,117	SH	X			01
FORD MTR CO DEL	COM PAR	\$0.345370860	140	20,808	SH		X		01
FOREST LABS INC	COM	345838106	211	5,779	SH	X			01
FOREST LABS INC	COM	345838106	378	10,362	SH		X		01
FOREST OIL CORP	COM PAR	\$0.346091705	408	8,019	SH	X			01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
					SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
FORTUNE BRANDS INC	COM	349631101	1,850	25,565 SH	X			01
FORTUNE BRANDS INC	COM	349631101	1,084	14,975 SH			X	01
FOSTER WHEELER LTD	SHS NEW	G36535139	129	830 SH	X			01

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FOSTER WHEELER LTD	SHS NEW	G36535139	106	687	SH		X	01
FPL GROUP INC	COM	302571104	2,723	40,180	SH	X		01
FPL GROUP INC	COM	302571104	639	9,434	SH		X	01
FRANKLIN RES INC	COM	354613101	1,063	9,287	SH	X		01
FRANKLIN RES INC	COM	354613101	337	2,944	SH		X	01
FRANKLIN TEMPLETON LT	COM	35472T101	116	10,000	SH	X		01
FREEPORT-MCMORAN COPPER	COM	35671D857	10,281	100,366	SH	X		01
FREEPORT-MCMORAN COPPER	COM	35671D857	209	2,042	SH		X	01
FRESENIUS MED CARE AG	SPONS ADR	358029106	141	2,674	SH	X		01
FRESENIUS MED CARE AG	SPONS ADR	358029106	60	1,135	SH		X	01
FRONTIER OIL CORP	COM	35914P105	187	4,615	SH	X		01
FRONTIER OIL CORP	COM	35914P105	19	479	SH		X	01
FRONTLINE LTD	SHS	G3682E127	507	10,570	SH	X		01
FUJIFILM HLDGS CORP	ADR 2 ORD	35958N107	54	1,307	SH	X		01
FUJIFILM HLDGS CORP	ADR 2 ORD	35958N107	559	13,456	SH		X	01
FUQI INTERNATIONAL INC	COM NEW	36102A207	2,049	246,918	SH	X		01
GABELLI EQUITY TR INC	COM	362397101	16	151,657	SH	X		01
GAFISA S A	SPONS ADR	362607301	8,170	218,167	SH	X		01
GALLAGHER ARTHUR J	COM	363576109	148	6,138	SH	X		01
GALLAGHER ARTHUR J	COM	363576109	114	4,725	SH		X	01
GAMESTOP CORP NEW	CL A	36467W109	3,227	51,958	SH	X		01
GAMESTOP CORP NEW	CL A	36467W109	43	685	SH		X	01
GANNETT INC	COM	364730101	1,298	33,278	SH	X		01
GANNETT INC	COM	364730101	182	4,657	SH		X	01
GAP INC DEL	COM	364760108	4,567	214,617	SH	X		01
GAP INC DEL	COM	364760108	230	10,824	SH		X	01
GARMIN LTD	ORD	G37260109	5,242	54,043	SH	X		01
GARMIN LTD	ORD	G37260109	981	10,112	SH		X	01
GARTNER INC	COM	366651107	191	10,903	SH	X		01
GASCO ENERGY INC	COM	367220100	4,943	2,484,048	SH	X		01
GEHL CO	COM	368483103	4	225	SH	X		01
GEHL CO	COM	368483103	358	22,300	SH		X	01
GENENTECH INC	COM NEW	368710406	8,142	121,393	SH	X		01
GENENTECH INC	COM NEW	368710406	1,307	19,488	SH		X	01
GENERAL CABLE CORP DE	COM	369300108	512	6,985	SH	X		01
GENERAL CABLE CORP DE	COM	369300108	34	458	SH		X	01
GENERAL COMMUNICATION	CL A	369385109	179	20,430	SH	X		01
GENERAL DYNAMICS CORP	COM	369550108	7,425	83,432	SH	X		01
GENERAL DYNAMICS CORP	COM	369550108	424	4,768	SH		X	01
GENERAL ELECTRIC CO	COM	369604103	95,430	2,574,328	SH	X		01
GENERAL ELECTRIC CO	COM	369604103	21,167	570,988	SH		X	01
GENERAL MLS INC	COM	370334104	4,452	78,099	SH	X		01
GENERAL MLS INC	COM	370334104	1,012	17,754	SH		X	01
GENERAL MTRS CORP	COM	370442105	1,406	56,481	SH	X		01
GENERAL MTRS CORP	COM	370442105	35	1,417	SH		X	01
GEN-PROBE INC NEW	COM	36866T103	2,233	35,480	SH	X		01
GEN-PROBE INC NEW	COM	36866T103	13	200	SH		X	01
GENUINE PARTS CO	COM	372460105	2,531	54,659	SH	X		01
GENUINE PARTS CO	COM	372460105	171	3,691	SH		X	01
GENWORTH FINL INC	COM CL A	37247D106	160	6,284	SH	X		01
GENWORTH FINL INC	COM CL A	37247D106	201	7,889	SH		X	01
GENZYME CORP	COM	372917104	3,203	43,027	SH	X		01
GENZYME CORP	COM	372917104	61	823	SH		X	01
GERDAU AMERISTEEL COR	COM	37373P105	1,299	91,368	SH	X		01
GFI GROUP INC	COM	361652209	4,492	46,924	SH	X		01
GILEAD SCIENCES INC	COM	375558103	13,964	303,510	SH	X		01
GILEAD SCIENCES INC	COM	375558103	1,578	34,293	SH		X	01
GLAXOSMITHKLINE PLC	SPONS ADR	37733W105	2,136	42,396	SH	X		01
GLAXOSMITHKLINE PLC	SPONS ADR	37733W105	1,148	22,792	SH		X	01
GLOBECOMM SYSTEMS INC	COM	37956X103	2,434	208,032	SH	X		01
GMX RES INC	COM	38011M108	4,410	136,627	SH	X		01
GOLAR LNG LTD BERMUDA	SHS	G9456A100	3,366	152,152	SH	X		01

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GOLD FIELDS LTD NEW	SPONS ADR	38059T106	213	15,000	SH	X			01
GOLD FIELDS LTD NEW	SPONS ADR	38059T106	302	21,299	SH		X		01
GOLDMAN SACHS GROUP	COM	38141G104	29,500	137,177	SH	X			01
GOLDMAN SACHS GROUP	COM	38141G104	3,661	17,022	SH		X		01
GOODRICH CORP	COM	382388106	4,808	68,094	SH	X			01
GOODRICH CORP	COM	382388106	17	237	SH		X		01
GOODYEAR TIRE & RUBR	COM	382550101	2,189	77,560	SH	X			01
GOODYEAR TIRE & RUBR	COM	382550101	2	72	SH		X		01
GOOGLE INC	CL A	38259P508	26,493	38,314	SH	X			01
GOOGLE INC	CL A	38259P508	2,623	3,793	SH		X		01
GRAINGER W W INC	COM	384802104	1,223	13,970	SH	X			01
GRAINGER W W INC	COM	384802104	309	3,534	SH		X		01
GREAT PLAINS ENERGY	COM	391164100	954	32,537	SH	X			01
GREAT PLAINS ENERGY	COM	391164100	60	2,045	SH		X		01
GUESS INC	COM	401617105	1,902	50,210	SH	X			01
GUESS INC	COM	401617105	10	263	SH		X		01
HALLIBURTON CO	COM	406216101	6,869	181,181	SH	X			01
HALLIBURTON CO	COM	406216101	342	9,021	SH		X		01
HANOVER INS GROUP INC	COM	410867105	8,588	187,506	SH	X			01
HANSEN NAT CORP	COM	411310105	2,688	60,693	SH	X			01
HARLEY DAVIDSON INC	COM	412822108	3,380	72,369	SH	X			01
HARLEY DAVIDSON INC	COM	412822108	1,011	21,640	SH		X		01
HARMONIC INC	COM	413160102	3,378	322,311	SH	X			01
HARRAHS ENTMT INC	COM	413619107	289	3,253	SH	X			01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
HARRAHS ENTMT INC	COM	413619107	69	782	SH			X	01
HARRIS CORP DEL	COM	413875105	404	6,447	SH	X			01
HARRIS CORP DEL	COM	413875105	44	707	SH			X	01
HARSCO CORP	COM	415864107	3,036	47,390	SH	X			01
HARSCO CORP	COM	415864107	49	763	SH			X	01
HARTFORD FINL SVCS GR	COM	416515104	4,174	47,872	SH	X			01
HARTFORD FINL SVCS GR	COM	416515104	855	9,804	SH			X	01
HASBRO INC	COM	418056107	214	8,365	SH	X			01
HASBRO INC	COM	418056107	1	26	SH			X	01
HCP INC	COM	40414L109	189	5,425	SH	X			01
HCP INC	COM	40414L109	70	2,000	SH			X	01
HEAD N V	NY REG SH	422070102	252	70,370	SH	X			01
HEAD N V	NY REG SH	422070102	4	1,000	SH			X	01
HEINZ H J CO	COM	423074103	4,556	97,610	SH	X			01
HEINZ H J CO	COM	423074103	657	14,064	SH			X	01
HELIX ENERGY SOLUTIONS	COM	42330P107	237	5,699	SH	X			01
HENRY JACK & ASSOC	COM	426281101	33	1,346	SH	X			01
HENRY JACK & ASSOC	COM	426281101	341	14,000	SH			X	01
HERCULES INC	COM	427056106	409	21,156	SH	X			01



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HERCULES INC	COM	427056106	36	1,861	SH		X	01
HERSHEY CO	COM	427866108	849	21,545	SH	X		01
HERSHEY CO	COM	427866108	235	5,953	SH		X	01
HESS CORP	COM	42809H107	17,572	174,225	SH	X		01
HESS CORP	COM	42809H107	133	1,322	SH		X	01
HEWLETT PACKARD CO	COM	428236103	23,205	459,681	SH	X		01
HEWLETT PACKARD CO	COM	428236103	3,496	69,265	SH		X	01
HILB ROGAL & HOBBS CO	COM	431294107	325	8,006	SH	X		01
HMS HLDGS CORP	COM	40425J101	4,467	134,505	SH	X		01
HOLOGIC INC	COM	436440101	348	5,073	SH	X		01
HOLOGIC INC	COM	436440101	26	382	SH		X	01
HOME DEPOT INC	COM	437076102	3,090	114,702	SH	X		01
HOME DEPOT INC	COM	437076102	220	8,175	SH		X	01
HONEYWELL INTL INC	COM	438516106	9,497	154,250	SH	X		01
HONEYWELL INTL INC	COM	438516106	832	13,513	SH		X	01
HOSPIRA INC	COM	441060100	644	15,103	SH	X		01
HOSPIRA INC	COM	441060100	96	2,257	SH		X	01
HOST HOTELS & RESORTS	COM	44107P104	284	16,662	SH	X		01
HOST HOTELS & RESORTS	COM	44107P104	2	116	SH		X	01
HSBC HLDGS PLC	SPONS ADR	404280406	412	4,918	SH	X		01
HSBC HLDGS PLC	SPONS ADR	404280406	888	10,609	SH		X	01
HUBBELL INC	CL A	443510102	220	4,000	SH	X		01
HUDSON CITY BANCORP	COM	443683107	523	34,842	SH	X		01
HUDSON CITY BANCORP	COM	443683107	12	783	SH		X	01
HUMANA INC	COM	444859102	1,539	20,438	SH	X		01
HUMANA INC	COM	444859102	117	1,560	SH		X	01
HUNT J B TRANS SVCS	COM	445658107	7,667	278,310	SH	X		01
HUNT J B TRANS SVCS	COM	445658107	77	2,800	SH		X	01
HUNTINGTON BANCSHARES	COM	446150104	1,420	96,197	SH	X		01
HUNTINGTON BANCSHARES	COM	446150104	166	11,238	SH		X	01
HURCO COMPANIES INC	COM	447324104	306	7,000	SH	X		01
ICON PUB LTD CO	SPONS ADR	45103T107	3,901	63,068	SH	X		01
ICON PUB LTD CO	SPONS ADR	45103T107	3	51	SH		X	01
ICONIX BRAND GROUP	COM	451055107	2,687	136,655	SH	X		01
ICONIX BRAND GROUP	COM	451055107	2	117	SH		X	01
IDT CORP	COM	448947101	122	15,500	SH	X		01
IKON OFFICE SOLUTIONS	COM	451713101	366	28,081	SH	X		01
ILLINOIS TOOL WKS INC	COM	452308109	3,253	60,767	SH	X		01
ILLINOIS TOOL WKS INC	COM	452308109	2,249	41,998	SH		X	01
IMAX CORP	COM	45245E109	2,488	364,859	SH	X		01
IMS HEALTH INC	COM	449934108	8,089	351,091	SH	X		01
IMS HEALTH INC	COM	449934108	93	4,020	SH		X	01
INDIA FD INC	COM	454089103	238	3,829	SH	X		01
INDIA FD INC	COM	454089103	97	1,562	SH		X	01
ING GROEP N V	SPONS ADR	456837103	54	1,400	SH	X		01
ING GROEP N V	SPONS ADR	456837103	698	17,932	SH		X	01
INGERSOLL-RAND COMPANY	CL A	G4776G101	825	17,755	SH	X		01
INGERSOLL-RAND COMPANY	CL A	G4776G101	74	1,603	SH		X	01
INGRAM MICRO INC	CL A	457153104	4,686	259,758	SH	X		01
INNERWORKINGS INC	COM	45773Y105	4,389	254,308	SH	X		01
INSITUFORM TECHNOLOGIES	CL A	457667103	338	22,814	SH	X		01
INSITUFORM TECHNOLOGIES	CL A	457667103	1	100	SH		X	01
INTEGRYS ENERGY GROUP	COM	45822P105	1,767	34,189	SH	X		01
INTEGRYS ENERGY GROUP	COM	45822P105	313	6,051	SH		X	01
INTEL CORP	COM	458140100	31,583	1,184,642	SH	X		01
INTEL CORP	COM	458140100	3,359	125,992	SH		X	01
INTERCONTINENTALEXCHNGE	COM	45865V100	2,789	14,490	SH	X		01
INTERCONTINENTALEXCHNGE	COM	45865V100	54	282	SH		X	01
INTL BUSINESS MACHINES	COM	459200101	40,060	370,578	SH	X		01
INTL BUSINESS MACHINES	COM	459200101	5,826	53,890	SH		X	01
INTL GAME TECHNOLOGY	COM	459902102	8,024	182,662	SH	X		01
INTL GAME TECHNOLOGY	COM	459902102	241	5,491	SH		X	01

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INTERNET CAP GROUP INC	COM NEW	46059C205	4,761	405,561	SH	X			01
INTERPUBLIC GROUP COS	COM	460690100	5,497	677,853	SH	X			01
INTERSIL CORP	CL A	46069S109	3,313	135,339	SH	X			01
INTERVOICE INC NEW	COM	461142101	1,923	240,645	SH	X			01
INTL PAPER CO	COM	460146103	2,568	79,313	SH	X			01
INTL PAPER CO	COM	460146103	562	17,364	SH			X	01
INTUIT	COM	461202103	3,269	103,414	SH	X			01
INTUIT	COM	461202103	42	1,332	SH			X	01

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MARSHALL & ILSLEY TRUST CO N.A.  
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- - - - COLUMN 1 - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - - COLUMN 7 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
INTUITIVE SURGICAL INC	COM NEW	46120E602	284	879	SH	X			01
INTUITIVE SURGICAL INC	COM NEW	46120E602	69	215	SH			X	01
INVERNESS MED INNOVAT	COM	46126P106	7,323	130,356	SH	X			01
INVERNESS MED INNOVAT	COM	46126P106	9	160	SH			X	01
INVESTTOOLS INC	COM	46145P103	5,601	315,755	SH	X			01
IPASS INC	COM	46261V108	323	79,592	SH	X			01
IPG PHOTONICS CORP	COM	44980X109	2,425	121,310	SH	X			01
ISHARES INC	MSCI SINGPR	464286673	761	55,161	SH	X			01
ISHARES INC	MSCI SINGPR	464286673	14	1,050	SH			X	01
ISHARES INC	MSCI JAPAN	464286848	579	43,540	SH	X			01
ISHARES TR	LG GRW INDX	464287119	295	4,121	SH	X			01
ISHARES TR	S&P 1500	464287150	349	2,679	SH	X			01
ISHARES TR	S&P 1500	464287150	61	465	SH			X	01
ISHARES TR	DJ SEL DIV	464287168	20,564	318,875	SH	X			01
ISHARES TR	DJ SEL DIV	464287168	617	9,566	SH			X	01
ISHARES TR	US TIPS BD	464287176	649	6,134	SH	X			01
ISHARES TR	FTSE XNHUA	464287184	1,340	7,861	SH	X			01
ISHARES TR	FTSE XNHUA	464287184	497	2,916	SH			X	01
ISHARES TR	S&P 500	464287200	36,464	248,497	SH	X			01
ISHARES TR	S&P 500	464287200	1,663	11,330	SH			X	01
ISHARES TR	LEHMAN AGG	464287226	1,639	16,205	SH	X			01
ISHARES TR	MSCI EMERG	464287234	14,303	95,161	SH	X			01
ISHARES TR	MSCI EMERG	464287234	3,417	22,734	SH			X	01
ISHARES TR	IBOXX	464287242	5,203	49,630	SH	X			01
ISHARES TR	IBOXX	464287242	136	1,300	SH			X	01
ISHARES TR	S&P500 GRW	464287309	11,323	162,145	SH	X			01
ISHARES TR	S&P500 GRW	464287309	134	1,915	SH			X	01
ISHARES TR	S&P LTN AM	464287390	293	1,177	SH	X			01
ISHARES TR	S&P 500 VAL	464287408	4,582	60,008	SH	X			01
ISHARES TR	S&P 500 VAL	464287408	382	4,998	SH			X	01
ISHARES TR	7-10Y TR	BD464287440	989	11,366	SH	X			01
ISHARES TR	1-3Y TR	BD 464287457	550	6,693	SH	X			01
ISHARES TR	MSCI EAFE	464287465	61,199	779,608	SH	X			01
ISHARES TR	MSCI EAFE	464287465	6,800	86,626	SH			X	01
ISHARES TR	RSSL MCP	VL464287473	3,739	26,510	SH	X			01

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ISHARES TR	RSSL MCP VL464287473	749	5,313	SH		X	01
ISHARES TR	RSSL MCP GR464287481	5,662	49,696	SH	X		01
ISHARES TR	RSSL MCP GR464287481	247	2,170	SH		X	01
ISHARES TR	RSSLMID CAP464287499	4,459	43,068	SH	X		01
ISHARES TR	RSSLMID CAP464287499	20	190	SH		X	01
ISHARES TR	SP MC 400 464287507	16,622	195,693	SH	X		01
ISHARES TR	SP MC 400 464287507	2,672	31,458	SH		X	01
ISHARES TR	S&P GSTI 464287549	227	3,810	SH	X		01
ISHARES TR	CS RLTY 464287564	3,962	50,057	SH	X		01
ISHARES TR	CS RLTY 464287564	16	205	SH		X	01
ISHARES TR	CONS SRVC 464287580	1,535	24,825	SH	X		01
ISHARES TR	CONS SRVC 464287580	4	61	SH		X	01
ISHARES TR	RUSL1000VAL464287598	916	11,417	SH	X		01
ISHARES TR	RUSL1000VAL464287598	546	6,800	SH		X	01
ISHARES TR	SP MC 400GR464287606	1,887	21,178	SH	X		01
ISHARES TR	RUSL1000GRW464287614	5,201	85,563	SH	X		01
ISHARES TR	RUSL1000GRW464287614	593	9,756	SH		X	01
ISHARES TR	RUSL1000 464287622	2,267	28,477	SH	X		01
ISHARES TR	RUSL2000VAL464287630	6,052	85,868	SH	X		01
ISHARES TR	RUSL2000VAL464287630	842	11,949	SH		X	01
ISHARES TR	RUSL2000GR 464287648	1,642	19,666	SH	X		01
ISHARES TR	RUSL2000GR 464287648	103	1,235	SH		X	01
ISHARES TR	RUSL 2000 464287655	15,334	201,976	SH	X		01
ISHARES TR	RUSL 2000 464287655	1,416	18,650	SH		X	01
ISHARES TR	DJUS UTILS 464287697	1,784	17,418	SH	X		01
ISHARES TR	DJUS UTILS 464287697	29	281	SH		X	01
ISHARES TR	SP MIDCPVAL464287705	14,090	177,105	SH	X		01
ISHARES TR	SP MIDCPVAL464287705	4,757	59,790	SH		X	01
ISHARES TR	DJUS TELCOM464287713	7,277	246,521	SH	X		01
ISHARES TR	DJUS TELCOM464287713	93	3,163	SH		X	01
ISHARES TR	DJ US TECH 464287721	2,120	33,943	SH	X		01
ISHARES TR	DJ US TECH 464287721	87	1,395	SH		X	01
ISHARES TR	DJ USRLEST 464287739	306	4,655	SH	X		01
ISHARES TR	DJ USRLEST 464287739	263	4,000	SH		X	01
ISHARES TR	DJ INDUST 464287754	462	6,351	SH	X		01
ISHARES TR	DJ INDUST 464287754	37	506	SH		X	01
ISHARES TR	DJ HEALTH 464287762	4,454	63,028	SH	X		01
ISHARES TR	DJ HEATLH 464287762	93	1,319	SH		X	01
ISHARES TR	DJ FINL 464287770	25,490	249,562	SH	X		01
ISHARES TR	DJ FINL 464287770	330	3,231	SH		X	01
ISHARES TR	DJ FINL 464287788	1,106	11,746	SH	X		01
ISHARES TR	DJ FINL 464287788	112	1,191	SH		X	01
ISHARES TR	DJ ENERGY 464287796	3,093	22,585	SH	X		01
ISHARES TR	DJ ENERGY 464287796	12	84	SH		X	01
ISHARES TR	SP SMCAP600464287804	2,839	43,659	SH	X		01
ISHARES TR	SP SMCAP600464287804	1,359	20,903	SH		X	01
ISHARES TR	CONS GOODS 464287812	2,362	36,958	SH	X		01
ISHARES TR	CONS GOODS 464287812	99	1,555	SH		X	01
ISHARES TR	DJ BAS MATL464287838	1,667	21,667	SH	X		01
ISHARES TR	DJ BAS MATL464287838	14	176	SH		X	01
ISHARES TR	SP EURO PL 464287861	523	4,577	SH	X		01
ISHARES TR	SP SMLCPVAL464287879	5,373	76,751	SH	X		01
ISHARES TR	SP SMLCPVAL464287879	557	7,950	SH		X	01
ISHARES TR	LG VAL IDX 464288109	420	5,199	SH	X		01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F

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ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
ISHARES TR	MID COR IDX	464288208	222	2,689	SH	X			01
ISHARES TR	MID GRW IDX	464288307	501	5,002	SH	X			01
ISHARES TR	MID VAL IDX	464288406	1,172	14,899	SH	X			01
ISHARES TR	MID VAL IDX	464288406	207	2,625	SH			X	01
ISHARES TR	RETAIL IDX	464288547	323	8,771	SH	X			01
ISHARES TR	RETAIL IDX	464288547	3	75	SH			X	01
ISHARES TR	SMLL GRTH	464288604	248	3,032	SH	X			01
ISHARES TR	LHMN INTERC	464288638	1,469	14,550	SH	X			01
ISHARES TR	SML VAL IDX	464288703	5,763	77,881	SH	X			01
ISHARES TR	DJ REG BK	464288778	14,405	383,124	SH	X			01
ISHARES TR	DJ REG BK	464288778	77	2,045	SH			X	01
ISHARES TR	DJ INS IDX	464288786	2,177	43,851	SH	X			01
ISHARES TR	DJ INS IDX	464288786	12	242	SH			X	01
ISHARES TR	DJ BD	464288794	382	7,467	SH	X			01
ISHARES TR	DJ BD	464288794	2	31	SH			X	01
ISHARES TR	MSCI VAL	464288877	1,442	20,045	SH	X			01
ISHARES TR	MSCI VAL	464288877	22	300	SH			X	01
ISHARES TR	MSCI GRW	464288885	1,573	20,240	SH	X			01
ISHARES TR	MSCI GRW	464288885	145	1,869	SH			X	01
ISTAR FINL INC	COM	45031U101	233	8,963	SH	X			01
ITT CORP NEW	COM	450911102	17,306	262,049	SH	X			01
ITT CORP NEW	COM	450911102	149	2,259	SH			X	01
ITT EDUCATIONAL SERVI	COM	45068B109	510	5,978	SH	X			01
ITT EDUCATIONAL SERVI	COM	45068B109	19	225	SH			X	01
IVANHOE MINES LTD	COM	46579N103	2	143	SH	X			01
IVANHOE MINES LTD	COM	46579N103	184	17,169	SH			X	01
JACOBS ENGR GROUP INC	COM	469814107	6,027	63,041	SH	X			01
JACOBS ENGR GROUP INC	COM	469814107	46	483	SH			X	01
JANUS CAP GROUP INC	COM	47102X105	2,562	77,984	SH	X			01
JANUS CAP GROUP INC	COM	47102X105	19	564	SH			X	01
JAPAN EQUITY FD INC	COM	471057109	158	21,384	SH	X			01
JAPAN EQUITY FD INC	COM	471057109	4	500	SH			X	01
JDA SOFTWARE GROUP INC	COM	46612K108	4,535	221,658	SH	X			01
JOHNSON & JOHNSON	COM	478160104	53,098	796,069	SH	X			01
JOHNSON & JOHNSON	COM	478160104	6,599	98,936	SH			X	01
JOHNSON CTLS INC	COM	478366107	21,566	598,399	SH	X			01
JOHNSON CTLS INC	COM	478366107	7,271	201,736	SH			X	01
JP MORGAN CHASE & CO	COM	46625H100	43,858	1,004,768	SH	X			01
JP MORGAN CHASE & CO	COM	46625H100	10,221	234,157	SH			X	01
JUNIPER NETWORKS INC	COM	48203R104	3,305	99,556	SH	X			01
JUNIPER NETWORKS INC	COM	48203R104	48	1,451	SH			X	01
K V PHARMACEUTICAL CO	CL A	482740206	3,085	108,104	SH	X			01
K V PHARMACEUTICAL CO	CL A	482740206	14	484	SH			X	01
KAYDON CORP	COM	486587108	2,678	49,098	SH	X			01
KAYNE ANDERSON MLP IN	COM	486606106	208	7,093	SH	X			01
KBR INC	COM	48242W106	244	6,301	SH	X			01
KELLOGG CO	COM	487836108	13,375	255,097	SH	X			01
KELLOGG CO	COM	487836108	6,436	122,763	SH			X	01
KELLWOOD CO	COM	488044108	196	11,755	SH	X			01
KEYCORP NEW	COM	493267108	1,886	80,440	SH	X			01
KEYCORP NEW	COM	493267108	151	6,446	SH			X	01

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KIMBERLY CLARK CORP	COM	494368103	14,755	212,787	SH	X			01
KIMBERLY CLARK CORP	COM	494368103	4,532	65,366	SH		X		01
KIMCO REALTY CORP	COM	49446R109	3,287	90,304	SH	X			01
KIMCO REALTY CORP	COM	49446R109	35	975	SH		X		01
KINDER MORGAN ENERGY	UT LTD PART	494550106	1,006	18,638	SH	X			01
KINDER MORGAN ENERGY	UT LTD PART	494550106	444	8,215	SH		X		01
KINROSS GOLD CORP	COM NO PAR	496902404	923	50,173	SH	X			01
KINROSS GOLD CORP	COM NO PAR	496902404	146	7,947	SH		X		01
KKR FINANCIAL HLDGS	COM	48248A306	113	8,046	SH	X			01
KKR FINANCIAL HLDGS	COM	48248A306	40	2,829	SH		X		01
KNOLOGY INC	COM	499183804	1,829	143,077	SH	X			01
KOHL'S CORP	COM	500255104	18,270	398,901	SH	X			01
KOHL'S CORP	COM	500255104	1,770	38,652	SH		X		01
KONINKLIJKE AHOLD N V	SPON ADR	20500467402	171	12,296	SH	X			01
KONINKLIJKE AHOLD N V	SPON ADR	20500467402	6	424	SH		X		01
KOREA ELECTRIC PWR	SPONS ADR	500631106	140	6,715	SH	X			01
KOREA ELECTRIC PWR	SPONS ADR	500631106	379	18,199	SH		X		01
KRAFT FOODS INC	CL A	50075N104	8,842	270,972	SH	X			01
KRAFT FOODS INC	CL A	50075N104	4,567	139,959	SH		X		01
KROGER CO	COM	501044101	7,382	276,380	SH	X			01
KROGER CO	COM	501044101	84	3,158	SH		X		01
KT CORP	SPONS ADR	48268K101	75	2,920	SH	X			01
KT CORP	SPONS ADR	48268K101	655	25,392	SH		X		01
KULICKE & SOFFA INDS	COM	501242101	184	26,803	SH	X			01
L-3 COMMUNICATIONS HL	COM	502424104	5,642	53,253	SH	X			01
L-3 COMMUNICATIONS HL	COM	502424104	142	1,336	SH		X		01
LABORATORY CORP AMER	COM NEW	50540R409	1,793	23,743	SH	X			01
LABORATORY CORP AMER	COM NEW	50540R409	561	7,424	SH		X		01
LAM RESEARCH CORP	COM	512807108	1,731	40,049	SH	X			01
LAM RESEARCH CORP	COM	512807108	9	210	SH		X		01
LAS VEGAS SANDS CORP	COM	517834107	320	3,107	SH	X			01
LAS VEGAS SANDS CORP	COM	517834107	12	121	SH		X		01
LAUDER ESTEE COS INC	CL A	518439104	1,670	38,297	SH	X			01
LAUDER ESTEE COS INC	CL A	518439104	228	5,218	SH		X		01
LEGG MASON INC	COM	524901105	379	5,179	SH	X			01
LEGG MASON INC	COM	524901105	67	916	SH		X		01
LEGGETT & PLATT INC	COM	524660107	734	42,061	SH	X			01
LEGGETT & PLATT INC	COM	524660107	21	1,230	SH		X		01

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NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
LEHMAN BROS HLDGS INC	COM	524908100	7,994	122,157	SH	X			01
LEHMAN BROS HLDGS INC	COM	524908100	671	10,260	SH			X	01
LEUCADIA NATL CORP	COM	527288104	405	8,596	SH	X			01
LEUCADIA NATL CORP	COM	527288104	112	2,371	SH			X	01
LG PHILIP LCD CO LTD	SPONS ADR	R50186V102	3,240	124,695	SH	X			01

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LG PHILIP LCD CO LTD	SPONS ADR R50186V102	30	1,171	SH		X	01
LIBERTY GLOBAL INC	COM SER A 530555101	6,276	160,147	SH	X		01
LIBERTY GLOBAL INC	COM SER A 530555101	86	2,192	SH		X	01
LIBERTY MEDIA HLDG CO	CAP COM SER53071M302	8,225	70,608	SH	X		01
LIBERTY MEDIA HLDG CO	CAP COM SER53071M302	80	689	SH		X	01
LIFE TIME FITNESS INC	COM 53217R207	5,543	111,578	SH	X		01
LIFE TIME FITNESS INC	COM 53217R207	2	36	SH		X	01
LIFECCELL CORP	COM 531927101	1,741	40,393	SH	X		01
LIFECCELL CORP	COM 531927101	4	100	SH		X	01
LIFECORE BIOMEDICAL	COM 532187101	213	14,750	SH	X		01
LILLY ELI & CO	COM 532457108	17,677	331,093	SH	X		01
LILLY ELI & CO	COM 532457108	14,710	275,523	SH		X	01
LINCOLN NATL CORP IND	COM 534187109	2,910	49,982	SH	X		01
LINCOLN NATL CORP IND	COM 534187109	1,595	27,404	SH		X	01
LINEAR TECHNOLOGY COR	COM 535678106	282	8,875	SH	X		01
LINEAR TECHNOLOGY COR	COM 535678106	139	4,374	SH		X	01
LOCKHEED MARTIN CORP	COM 539830109	23,464	222,916	SH	X		01
LOCKHEED MARTIN CORP	COM 539830109	2,171	20,623	SH		X	01
LOEWS CORP	COM 540424108	2,961	58,826	SH	X		01
LOEWS CORP	COM 540424108	456	9,060	SH		X	01
LOEWS CORP	CAROLNA GP 540424207	8,323	97,578	SH	X		01
LOGITECH INTL S A	SHS H50430232	1,036	28,269	SH	X		01
LOGITECH INTL S A	SHS H50430232	560	15,271	SH		X	01
LOWES COS INC	COM 548661107	2,432	107,522	SH	X		01
LOWES COS INC	COM 548661107	488	21,574	SH		X	01
M & T BK CORP	COM 55261F104	2,982	36,563	SH	X		01
M & T BK CORP	COM 55261F104	0	5	SH		X	01
MACYS INC	COM 55616P104	1,141	44,116	SH	X		01
MACYS INC	COM 55616P104	71	2,753	SH		X	01
MADISON CLAYMORE COVC	COM 556582104	153	13,400	SH	X		01
MAGMA DESIGN AUTOMATION	COM 559181102	2,653	217,241	SH	X		01
MAIDENFORM BRANDS INC	COM 560305104	154	11,381	SH	X		01
MANITOWOC INC	COM 563571108	7,702	157,726	SH	X		01
MANITOWOC INC	COM 563571108	271	5,556	SH		X	01
MANPOWER INC	COM 56418H100	8,378	147,242	SH	X		01
MANPOWER INC	COM 56418H100	109	1,920	SH		X	01
MANULIFE FINL CORP	COM 56501R106	702	17,232	SH	X		01
MANULIFE FINL CORP	COM 56501R106	31	758	SH		X	01
MARATHON OIL CORP	COM 565849106	11,594	190,501	SH	X		01
MARATHON OIL CORP	COM 565849106	1,188	19,521	SH		X	01
MARCUS CORP	COM 566330106	17	1,125	SH	X		01
MARCUS CORP	COM 566330106	334	21,620	SH		X	01
MARSH & MCLENNAN COS	COM 571748102	236	8,911	SH	X		01
MARSH & MCLENNAN COS	COM 571748102	6	220	SH		X	01
MARSHALL & ILSLEY COR	COM 571834100	4,944	217,043	SH	X		01
MARSHALL & ILSLEY COR	COM 571834100	4	194	SH		X	01
MARSHALL & ILSLEY COR	COM 571837103	139,792	5,279,152	SH	X		01
MARSHALL & ILSLEY COR	COM 571837103	42,074	1,588,890	SH		X	01
MASCO CORP	COM 574599106	2,513	116,295	SH	X		01
MASCO CORP	COM 574599106	42	1,956	SH		X	01
MASTERCARD INC	CL A 57636Q104	2,803	13,026	SH	X		01
MASTERCARD INC	CL A 57636Q104	23	106	SH		X	01
MATSUSHITA ELEC INDL	ADR 576879209	353	17,287	SH		X	01
MATTEL INC	COM 577081102	589	30,935	SH	X		01
MATTEL INC	COM 577081102	107	5,600	SH		X	01
MAX CAPITAL GROUP LTD	SHS G6052F103	292	10,425	SH	X		01
MAX CAPITAL GROUP LTD	SHS G6052F103	43	1,552	SH		X	01
MAXIMUS INC	COM 577933104	646	16,730	SH	X		01
MCAFEE INC	COM 579064106	2,617	69,782	SH	X		01
MCCORMICK & CO INC	COM NON VTG579780206	376	9,920	SH	X		01
MCCORMICK & CO INC	COM NON VTG579780206	5	124	SH		X	01
MCDONALDS CORP	COM 580135101	19,599	332,690	SH	X		01

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MCDONALDS CORP	COM	580135101	2,733	46,393	SH		X	01
MCGRAW HILL COS INC	COM	580645109	3,076	70,211	SH	X		01
MCGRAW HILL COS INC	COM	580645109	368	8,411	SH		X	01
MCKESSON CORP	COM	58155Q103	741	11,313	SH	X		01
MCKESSON CORP	COM	58155Q103	1	15	SH		X	01
MDU RES GROUP INC	COM	552690109	3,732	135,177	SH	X		01
MDU RES GROUP INC	COM	552690109	394	14,260	SH		X	01
MEADWESTVACO CORP	COM	583334107	8,684	277,438	SH	X		01
MEADWESTVACO CORP	COM	583334107	286	9,143	SH		X	01
MEDASSETS INC	COM	584045108	2,753	115,013	SH	X		01
MEDCO HEALTH SOLUTION	COM	58405U102	7,864	77,551	SH	X		01
MEDCO HEALTH SOLUTION	COM	58405U102	413	4,072	SH		X	01
MEDTRONIC INC	COM	585055106	10,847	215,767	SH	X		01
MEDTRONIC INC	COM	585055106	1,477	29,387	SH		X	01
MEMC ELECTR MATLS INC	COM	552715104	5,209	58,860	SH	X		01
MEMC ELECTR MATLS INC	COM	552715104	864	9,760	SH		X	01
MERCK & CO INC	COM	589331107	26,105	449,240	SH	X		01
MERCK & CO INC	COM	589331107	4,076	70,136	SH		X	01
MEREDITH CORP	COM	589433101	619	11,254	SH	X		01
MEREDITH CORP	COM	589433101	37	665	SH		X	01
MERRILL LYNCH & CO INC	COM	590188108	6,493	120,954	SH	X		01
MERRILL LYNCH & CO INC	COM	590188108	204	3,799	SH		X	01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
METALICO INC	COM	591176102	3,731	345,103	SH	X			01
METAVANTE TECHNOLOGIES	COM	591407101	41,340	1,772,721	SH	X			01
METAVANTE TECHNOLOGIES	COM	591407101	12,118	519,647	SH			X	01
METLIFE INC	COM	59156R108	7,822	126,940	SH	X			01
METLIFE INC	COM	59156R108	224	3,643	SH			X	01
METTLER TOLEDO INTL	COM	592688105	184	1,621	SH	X			01
METTLER TOLEDO INTL	COM	592688105	97	848	SH			X	01
MFA MTG INVTS INC	COM	55272X102	50	5,382	SH	X			01
MFA MTG INVTS INC	COM	55272X102	48	5,160	SH			X	01
MGE ENERGY INC	COM	55277P104	1,593	44,915	SH	X			01
MGE ENERGY INC	COM	55277P104	119	3,350	SH			X	01
MGM MIRAGE	COM	552953101	247	2,942	SH	X			01
MGM MIRAGE	COM	552953101	130	1,549	SH			X	01
MICRON TECHNOLOGY INC	COM	595112103	272	37,497	SH	X			01
MICRON TECHNOLOGY INC	COM	595112103	10	1,370	SH			X	01
MICROSEMI CORP	COM	595137100	2,145	96,874	SH	X			01
MICROSOFT CORP	COM	594918104	64,626	1,815,331	SH	X			01
MICROSOFT CORP	COM	594918104	9,350	262,648	SH			X	01
MIDCAP SPDR TR	UNIT SER 1	595635103	8,563	55,208	SH	X			01
MIDCAP SPDR TR	UNIT SER 1	595635103	761	4,909	SH			X	01
MIDDLEBY CORP	COM	596278101	5,268	68,761	SH	X			01

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MIDDLEBY CORP	COM	596278101	27	352	SH		X	01
MILLENNIUM PHARMACEUT	COM	599902103	1,924	128,424	SH	X		01
MILLENNIUM PHARMACEUT	COM	599902103	1	100	SH		X	01
MILLICOM INTL CELLULAR	SHS NEW	L6388F110	2,084	17,671	SH	X		01
MILLICOM INTL CELLULAR	SHS NEW	L6388F110	50	427	SH		X	01
MILLIPORE CORP	COM	601073109	333	4,556	SH	X		01
MILLIPORE CORP	COM	601073109	1	11	SH		X	01
MINDRAY MEDICAL INTL	SPON ADR	602675100	5,218	121,445	SH	X		01
MINDRAY MEDICAL INTL	SPON ADR	602675100	206	4,800	SH		X	01
MITSUBISHI UFJ FINL	SPONS ADR	606822104	214	22,975	SH	X		01
MITSUBISHI UFJ FINL	SPONS ADR	606822104	4	480	SH		X	01
MIZUHO FINL GROUP INC	SPONS ADR	60687Y109	165	17,290	SH	X		01
MODINE MFG CO	COM	607828100	894	54,128	SH	X		01
MODINE MFG CO	COM	607828100	321	19,450	SH		X	01
MOLEX INC	CL A	608554200	171	6,511	SH	X		01
MOLEX INC	CL A	608554200	108	4,106	SH		X	01
MOLSON COORS BREWING	CL B	60871R209	365	7,066	SH	X		01
MOLSON COORS BREWING	CL B	60871R209	5	96	SH		X	01
MONSANTO CO NEW	COM	61166W101	22,604	202,385	SH	X		01
MONSANTO CO NEW	COM	61166W101	2,182	19,534	SH		X	01
MONSTER WORLDWIDE INC	COM	611742107	249	7,692	SH	X		01
MONSTER WORLDWIDE INC	COM	611742107	7	230	SH		X	01
MOODYS CORP	COM	615369105	349	9,783	SH	X		01
MOODYS CORP	COM	615369105	103	2,876	SH		X	01
MOOG INC	CL A	615394202	3,640	79,457	SH	X		01
MORGAN STANLEY	COM NEW	617446448	15,024	282,882	SH	X		01
MORGAN STANLEY	COM NEW	617446448	1,437	27,051	SH		X	01
MOSAIC CO	COM	61945A107	451	4,776	SH	X		01
MOSAIC CO	COM	61945A107	198	2,100	SH		X	01
MOTOROLA INC	COM	620076109	2,120	132,166	SH	X		01
MOTOROLA INC	COM	620076109	571	35,618	SH		X	01
MPS GROUP INC	COM	553409103	115	10,490	SH	X		01
MPS GROUP INC	COM	553409103	82	7,500	SH		X	01
MRV COMMUNICATIONS INC	COM	553477100	1,642	707,961	SH	X		01
MSC SOFTWARE CORP	COM	553531104	231	17,760	SH	X		01
MTC TECHNOLOGIES INC	COM	55377A106	229	9,738	SH	X		01
MURPHY OIL CORP	COM	626717102	11,040	130,132	SH	X		01
MURPHY OIL CORP	COM	626717102	628	7,404	SH		X	01
MYLAN INC	COM	628530107	764	54,352	SH	X		01
MYLAN INC	COM	628530107	22	1,552	SH		X	01
NABORS INDUSTRIES LTD	SHS	G6359F103	391	14,268	SH	X		01
NABORS INDUSTRIES LTD	SHS	G6359F103	12	452	SH		X	01
NATIONAL BK GREECE	SPONS ADR	633643408	3,430	248,713	SH	X		01
NATIONAL CITY CORP	COM	635405103	2,301	139,804	SH	X		01
NATIONAL CITY CORP	COM	635405103	195	11,868	SH		X	01
NATIONAL FUEL GAS CO	COM	636180101	266	5,707	SH	X		01
NATIONAL FUEL GAS CO	COM	636180101	50	1,064	SH		X	01
NATIONAL OILWELL VARCO	COM	637071101	4,864	66,218	SH	X		01
NATIONAL OILWELL VARCO	COM	637071101	262	3,570	SH		X	01
NATIONAL SEMICONDUCTOR	COM	637640103	371	16,391	SH	X		01
NATIONAL SEMICONDUCTOR	COM	637640103	12	525	SH		X	01
NATUS MEDICAL INC DEL	COM	639050103	2,778	143,574	SH	X		01
NAVTEQ CORP	COM	63936L100	1,580	20,897	SH	X		01
NAVTEQ CORP	COM	63936L100	103	1,357	SH		X	01
NEC CORP	ADR	629050204	66	14,385	SH	X		01
NETSCOUT SYS INC	COM	64115T104	3,871	303,136	SH	X		01
NETWORK APPLIANCE INC	COM	64120L104	244	9,792	SH	X		01
NETWORK APPLIANCE INC	COM	64120L104	4	176	SH		X	01
NEW YORK TIMES CO	CL A	650111107	546	31,172	SH	X		01
NEW YORK TIMES CO	CL A	650111107	18	1,030	SH		X	01
NEWELL RUBBERMAID INC	COM	651229106	4,916	189,942	SH	X		01
NEWELL RUBBERMAID INC	COM	651229106	59	2,296	SH		X	01



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NEWFIELD EXPL CO	COM	651290108	8,210	155,780	SH	X			01
NEWMONT MINING CORP	COM	651639106	1,073	21,965	SH	X			01
NEWMONT MINING CORP	COM	651639106	774	15,858	SH		X		01
NEWS CORP	CL A	65248E104	3,687	179,936	SH	X			01
NEWS CORP	CL A	65248E104	150	7,322	SH			X	01
NEXCEN BRANDS INC	COM	653351106	3,069	634,009	SH	X			01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
NEXEN INC	COM	65334H102	468	14,510	SH			X	01
NICHOLAS-APPLEGATE CO	COM	65370F101	244	20,000	SH	X			01
NICOR INC	COM	654086107	1,739	41,056	SH	X			01
NICOR INC	COM	654086107	64	1,512	SH			X	01
NIKE INC	CL B	654106103	10,680	166,248	SH	X			01
NIKE INC	CL B	654106103	792	12,328	SH			X	01
NIPPON TELEG & TEL CO	SPONS ADR	654624105	208	8,435	SH	X			01
NIPPON TELEG & TEL CO	SPONS ADR	654624105	1,188	48,172	SH			X	01
NISOURCE INC	COM	65473P105	872	46,160	SH	X			01
NISOURCE INC	COM	65473P105	260	13,753	SH			X	01
NOBLE CORPORATION	SHS	G65422100	7,132	126,214	SH	X			01
NOBLE CORPORATION	SHS	G65422100	339	5,997	SH			X	01
NOBLE ENERGY INC	COM	655044105	10,830	136,190	SH	X			01
NOBLE ENERGY INC	COM	655044105	157	1,976	SH			X	01
NOKIA CORP	SPONS ADR	654902204	2,854	74,336	SH	X			01
NOKIA CORP	SPONS ADR	654902204	2,274	59,225	SH			X	01
NORDSTROM INC	COM	655664100	1,352	36,796	SH	X			01
NORDSTROM INC	COM	655664100	495	13,480	SH			X	01
NORFOLK SOUTHERN CORP	COM	655844108	916	18,161	SH	X			01
NORFOLK SOUTHERN CORP	COM	655844108	41	816	SH			X	01
NORTH EUROPEAN OIL RTY	SH BEN INT	659310106	214	6,300	SH	X			01
NORTHERN TR CORP	COM	665859104	17,621	230,098	SH	X			01
NORTHERN TR CORP	COM	665859104	1,072	14,003	SH			X	01
NORTHROP GRUMMAN CORP	COM	666807102	6,344	80,677	SH	X			01
NORTHROP GRUMMAN CORP	COM	666807102	402	5,116	SH			X	01
NOVA BIOSOURCE FUELS	COM	65488W103	80	27,561	SH	X			01
NOVARTIS A G	SPONS ADR	66987V109	380	6,988	SH	X			01
NOVARTIS A G	SPONS ADR	66987V109	399	7,352	SH			X	01
NOVAVAX INC	COM	670002104	270	81,100	SH	X			01
NOVELL INC	COM	670006105	368	53,528	SH	X			01
NOVELL INC	COM	670006105	4	570	SH			X	01
NUANCE COMMUNICATIONS	COM	67020Y100	8,763	469,122	SH	X			01
NUANCE COMMUNICATIONS	COM	67020Y100	35	1,875	SH			X	01
NUCOR CORP	COM	670346105	9,873	166,717	SH	X			01
NUCOR CORP	COM	670346105	31	527	SH			X	01
NUVASIVE INC	COM	670704105	3,157	79,884	SH	X			01
NUVEEN DIVID ADVANTAGE	COM	67066V101	133	10,000	SH	X			01

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NUVEEN MUN VALUE FD	COM	670928100	237	25,423	SH	X		01
NUVEEN MUN VALUE FD	COM	670928100	107	11,500	SH		X	01
NVIDIA CORP	COM	67066G104	5,914	173,841	SH	X		01
NVIDIA CORP	COM	67066G104	341	10,011	SH		X	01
NYSE EURONEXT	COM	629491101	2,747	31,299	SH	X		01
NYSE EURONEXT	COM	629491101	26	300	SH		X	01
O2MICRO INTERNATIONAL	SPONS ADR	67107W100	2,432	210,721	SH	X		01
OBAGI MEDICAL PRODUCTS	COM	67423R108	3,514	191,695	SH	X		01
OCCIDENTAL PETE CORP	COM	674599105	7,007	91,015	SH	X		01
OCCIDENTAL PETE CORP	COM	674599105	995	12,922	SH		X	01
OCEANEERING INTL INC	COM	675232102	123	1,820	SH	X		01
OCEANEERING INTL INC	COM	675232102	422	6,264	SH		X	01
ODYSSEY MARINE EXPLOR	COM	676118102	171	27,640	SH	X		01
OGE ENERGY CORP	COM	670837103	396	10,917	SH	X		01
OGE ENERGY CORP	COM	670837103	93	2,556	SH		X	01
OLD NATL BANCORP IND	COM	680033107	113	7,525	SH	X		01
OLD NATL BANCORP IND	COM	680033107	41	2,710	SH		X	01
OLD REP INTL CORP	COM	680223104	394	25,565	SH	X		01
OLD REP INTL CORP	COM	680223104	6,037	391,759	SH		X	01
OMNICOM GROUP INC	COM	681919106	3,638	76,539	SH	X		01
OMNICOM GROUP INC	COM	681919106	20	429	SH		X	01
OMRIX BIOPHARMACEUTICAL	COM	681989109	2,547	73,309	SH	X		01
ONEOK INC NEW	COM	682680103	9,039	201,903	SH	X		01
OPEN JT STK CO-VIMPEL	SPONS ADR	68370R109	146	3,500	SH	X		01
OPEN JT STK CO-VIMPEL	SPONS ADR	68370R109	220	5,281	SH		X	01
OPTIONSXPRESS HLDGS	COM	684010101	7,176	212,194	SH	X		01
OPTIONSXPRESS HLDGS	COM	684010101	3	100	SH		X	01
ORACLE CORP	COM	68389X105	9,779	433,078	SH	X		01
ORACLE CORP	COM	68389X105	1,791	79,335	SH		X	01
ORIENT-EXPRESS HOTELS	CL A	G67743107	500	8,700	SH	X		01
OSHKOSH TRUCK CORP	COM	688239201	3,265	69,081	SH	X		01
OSHKOSH TRUCK CORP	COM	688239201	2,169	45,895	SH		X	01
OSI PHARMACEUTICALS	COM	671040103	2,241	46,202	SH	X		01
OTTER TAIL CORP	COM	689648103	470	13,596	SH	X		01
OTTER TAIL CORP	COM	689648103	13	384	SH		X	01
OWENS ILL INC	COM NEW	690768403	2,676	54,061	SH	X		01
OWENS ILL INC	COM NEW	690768403	24	489	SH		X	01
PACCAR INC	COM	693718108	977	17,933	SH	X		01
PACCAR INC	COM	693718108	158	2,903	SH		X	01
PALL CORP	COM	696429307	257	6,363	SH	X		01
PALL CORP	COM	696429307	9	211	SH		X	01
PAREXEL INTL CORP	COM	699462107	3,642	75,400	SH	X		01
PARKER HANNIFIN CORP	COM	701094104	7,900	104,896	SH	X		01
PARKER HANNIFIN CORP	COM	701094104	399	5,294	SH		X	01
PARTNERRE LTD	COM	G6852T105	10,284	124,612	SH	X		01
PATTERSON COMPANIES	COM	703395103	189	5,553	SH	X		01
PATTERSON COMPANIES	COM	703395103	20	600	SH		X	01
PAYCHEX INC	COM	704326107	561	15,487	SH	X		01
PAYCHEX INC	COM	704326107	97	2,677	SH		X	01
PEABODY ENERGY CORP	COM	704549104	358	5,803	SH	X		01
PEABODY ENERGY CORP	COM	704549104	527	8,543	SH		X	01
PEDIATRIX MED GROUP	COM	705324101	7,037	103,253	SH	X		01

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MARSHALL & ILSLEY TRUST CO N.A.  
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----- COLUMN 1 ----- COLUMN 2-----COLUMN 3 - COLUMN 4 - COLUMN 5 -COLUMN 6 -----COLUMN 7 -----									
NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
PEDIATRIX MED GROUP	COM	705324101	25	370	SH			X	01
PENGROWTH ENERGY TR	TR UNIT NEW	706902509	202	11,355	SH	X			01
PENN VA CORP	COM	707882106	30	683	SH	X			01
PENN VA CORP	COM	707882106	372	8,536	SH			X	01
PENNEY J C INC	COM	708160106	2,266	51,513	SH	X			01
PENNEY J C INC	COM	708160106	1,207	27,444	SH			X	01
PEPCO HOLDINGS INC	COM	713291102	9,610	327,634	SH	X			01
PEPSI BOTTLING GROUP	COM	713409100	591	14,978	SH	X			01
PEPSI BOTTLING GROUP	COM	713409100	10	243	SH			X	01
PEPSIAMERICAS INC	COM	71343P200	2,412	72,383	SH	X			01
PEPSIAMERICAS INC	COM	71343P200	15	456	SH			X	01
PEPSICO INC	COM	713448108	31,844	419,555	SH	X			01
PEPSICO INC	COM	713448108	8,969	118,168	SH			X	01
PERKINELMER INC	COM	714046109	356	13,686	SH	X			01
PERKINELMER INC	COM	714046109	13	513	SH			X	01
PEROT SYS CORP	CL A	714265105	267	19,800	SH	X			01
PEROT SYS CORP	CL A	714265105	43	3,200	SH			X	01
PERRIGO CO	COM	714290103	8,623	246,308	SH	X			01
PETMED EXPRESS INC	COM	716382106	2,336	193,039	SH	X			01
PETROHAWK ENERGY CORP	COM	716495106	3,829	221,210	SH	X			01
PETROHAWK ENERGY CORP	COM	716495106	29	1,691	SH			X	01
PETROLEO BRASILEIRO	SPONS ADR	71654V408	195	1,692	SH	X			01
PETROLEO BRASILEIRO	SPONS ADR	71654V408	247	2,145	SH			X	01
PFIZER INC	COM	717081103	33,390	1,468,966	SH	X			01
PFIZER INC	COM	717081103	5,113	224,966	SH			X	01
PG&E CORP	COM	69331C108	4,580	106,278	SH	X			01
PG&E CORP	COM	69331C108	89	2,058	SH			X	01
PHARMACEUTICAL PROD	COM	717124101	135	3,336	SH	X			01
PHARMACEUTICAL PROD	COM	717124101	79	1,966	SH			X	01
PICO HLDGS INC	COM NEW	693366205	2,212	65,789	SH	X			01
PILGRIMS PRIDE CORP	COM	721467108	5,965	206,054	SH	X			01
PINNACLE WEST CAP COR	COM	723484101	3,409	80,372	SH	X			01
PINNACLE WEST CAP COR	COM	723484101	55	1,288	SH			X	01
PITNEY BOWES INC	COM	724479100	2,174	57,150	SH	X			01
PITNEY BOWES INC	COM	724479100	173	4,556	SH			X	01
PLAINS ALL AMERN PIPE	UNITLTPRT	726503105	187	3,587	SH	X			01
PLAINS ALL AMERN PIPE	UNITLTPRT	726503105	61	1,180	SH			X	01
PLAINS EXPL& PRODTN CO	COM	726505100	404	7,479	SH	X			01
PLAINS EXPL& PRODTN CO	COM	726505100	71	1,310	SH			X	01
PLATINUM UNDERWRITER	COM	G7127P100	223	6,277	SH	X			01
PLATINUM UNDERWRITER	COM	G7127P100	51	1,423	SH			X	01
PLUM CREEK TIMBER CO	COM	729251108	9,039	196,339	SH	X			01
PLUM CREEK TIMBER CO	COM	729251108	1,183	25,703	SH			X	01
PNC FINL SVCS GROUP	COM	693475105	2,555	38,921	SH	X			01
PNC FINL SVCS GROUP	COM	693475105	545	8,294	SH			X	01
POTASH CORP SASK INC	COM	73755L107	275	1,913	SH	X			01
POTASH CORP SASK INC	COM	73755L107	385	2,674	SH			X	01
POWELL INDS INC	COM	739128106	1,097	24,900	SH			X	01
POWERSHARES DB CMDTY	UNITBENINT	73935S105	885	28,051	SH	X			01
POWERSHARES DB CMDTY	UNITBENINT	73935S105	8	240	SH			X	01
POWERSHARES ETF TRUST	PRVT EQTY	73935X195	413	18,736	SH	X			01
POWERSHARES ETF TRUST	WNRHLL	73935X500	366	13,201	SH	X			01
POWERSHARES ETF TRUST	WATER RSRC	73935X575	451	21,085	SH	X			01

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POWERSHARES ETF TRUST	WATER RSRC	73935X575	21	1,000	SH		X	01
POWERSHARES ETF TRUST	FTSERAF100073935X583		7,894	135,776	SH	X		01
POWERSHARES ETF TRUST	FTSERAF100073935X583		156	2,682	SH		X	01
POWERSHARES ETF TRUST	DYNBIOT&GEN73935X856		191	10,212	SH	X		01
POWERSHARES QQQ TRUST	UNIT SER 1	73935A104	1,452	28,345	SH	X		01
POWERSHARES QQQ TRUST	UNIT SER 1	73935A104	72	1,404	SH		X	01
PPG INDS INC	COM	693506107	9,404	133,899	SH	X		01
PPG INDS INC	COM	693506107	363	5,171	SH		X	01
PPL CORP	COM	69351T106	11,694	224,501	SH	X		01
PPL CORP	COM	69351T106	21	400	SH		X	01
PRAXAIR INC	COM	74005P104	9,582	108,011	SH	X		01
PRAXAIR INC	COM	74005P104	1,337	15,067	SH		X	01
PRECISION CASTPARTS CO	COM	740189105	5,414	39,032	SH	X		01
PRECISION CASTPARTS CO	COM	740189105	924	6,662	SH		X	01
PREMIERE GLOBAL SVCS	COM	740585104	3,097	208,549	SH	X		01
PREMIERE GLOBAL SVCS	COM	740585104	20	1,325	SH		X	01
PRICE T ROWE GROUP INC	COM	74144T108	2,679	44,004	SH	X		01
PRICE T ROWE GROUP INC	COM	74144T108	235	3,862	SH		X	01
PRICELINE COM INC	COM NEW	741503403	2,619	22,801	SH	X		01
PRICESMART INC	COM	741511109	2,305	76,683	SH	X		01
PRINCIPAL FINANCIAL	COM	74251V102	6,669	96,878	SH	X		01
PRINCIPAL FINANCIAL	COM	74251V102	23	340	SH		X	01
PROASSURANCE CORP	COM	74267C106	319	5,803	SH	X		01
PROASSURANCE CORP	COM	74267C106	25	450	SH		X	01
PROCTER & GAMBLE CO	COM	742718109	65,917	897,813	SH	X		01
PROCTER & GAMBLE CO	COM	742718109	12,281	167,273	SH		X	01
PROGRESS ENERGY INC	COM	743263105	14,158	292,342	SH	X		01
PROGRESS ENERGY INC	COM	743263105	254	5,241	SH		X	01
PROGRESS SOFTWARE COR	COM	743312100	2,605	77,359	SH	X		01
PROGRESSIVE CORP OHIO	COM	743315103	4,275	223,128	SH	X		01
PROGRESSIVE CORP OHIO	COM	743315103	255	13,288	SH		X	01
PROLOGIS	SH BEN INT	743410102	6,439	101,586	SH	X		01
PROLOGIS	SH BEN INT	743410102	41	645	SH		X	01
PROTECTIVE LIFE CORP	COM	743674103	10,402	253,574	SH	X		01
PROTECTIVE LIFE CORP	COM	743674103	80	1,950	SH		X	01
PRUDENTIAL FINL INC	COM	744320102	2,390	25,689	SH	X		01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
PRUDENTIAL FINL INC	COM	744320102	56	598	SH			X	01
PUBLIC STORAGE	COM	74460D109	582	7,922	SH	X			01
PUBLIC STORAGE	COM	74460D109	56	764	SH			X	01
PUBLIC SVC ENTERPRISE	COM	744573106	904	9,201	SH	X			01
PUBLIC SVC ENTERPRISE	COM	744573106	236	2,398	SH			X	01
QUALCOMM INC	COM	747525103	11,436	290,630	SH	X			01
QUALCOMM INC	COM	747525103	1,384	35,173	SH			X	01

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QUANTA SVCS INC	COM	74762E102	178	6,802	SH	X		01
QUANTA SVCS INC	COM	74762E102	27	1,014	SH		X	01
QUANTUM CORP	COM DSSG	747906204	3,386	1,258,553	SH	X		01
QUEST DIAGNOSTICS INC	COM	74834L100	161	3,043	SH	X		01
QUEST DIAGNOSTICS INC	COM	74834L100	197	3,717	SH		X	01
QUESTAR CORP	COM	748356102	309	5,705	SH	X		01
QUESTAR CORP	COM	748356102	87	1,600	SH		X	01
QUICKSILVER RESOURCES	COM	74837R104	4,691	78,726	SH	X		01
QUICKSILVER RESOURCES	COM	74837R104	57	950	SH		X	01
QUINTANA MARITIME LTD	SHS	Y7169G109	264	11,500	SH	X		01
QWEST COMMUNICATIONS	COM	749121109	8,549	1,219,564	SH	X		01
QWEST COMMUNICATIONS	COM	749121109	6	853	SH		X	01
RADIAN GROUP INC	COM	750236101	113	9,656	SH	X		01
RADIAN GROUP INC	COM	750236101	13	1,112	SH		X	01
RANGE RES CORP	COM	75281A109	1,402	27,300	SH	X		01
RAYONIER INC	COM	754907103	117	2,472	SH	X		01
RAYONIER INC	COM	754907103	472	10,000	SH		X	01
RAYTHEON CO	COM NEW	755111507	6,988	115,122	SH	X		01
RAYTHEON CO	COM NEW	755111507	628	10,338	SH		X	01
REALTY INCOME CORP	COM	756109104	260	9,622	SH	X		01
REGAL BELOIT CORP	COM	758750103	28,756	639,725	SH	X		01
REGAL BELOIT CORP	COM	758750103	390	8,686	SH		X	01
REGIONS FINANCIAL COR	COM	7591EP100	3,677	155,495	SH	X		01
REGIONS FINANCIAL COR	COM	7591EP100	227	9,601	SH		X	01
REHABCARE GROUP INC	COM	759148109	590	26,156	SH	X		01
RENAISSANCERE HOLDING	COM	G7496G103	249	4,137	SH	X		01
RENAISSANCERE HOLDING	COM	G7496G103	64	1,060	SH		X	01
REPUBLIC SVCS INC	COM	760759100	10,115	322,634	SH	X		01
REPUBLIC SVCS INC	COM	760759100	105	3,352	SH		X	01
RESEARCH IN MOTION LT	COM	760975102	2,461	21,702	SH	X		01
RESEARCH IN MOTION LT	COM	760975102	689	6,077	SH		X	01
RESMED INC	COM	761152107	283	5,383	SH	X		01
RESMED INC	COM	761152107	29	550	SH		X	01
REYNOLDS AMERICAN INC	COM	761713106	7,069	107,168	SH	X		01
REYNOLDS AMERICAN INC	COM	761713106	54	819	SH		X	01
RIO TINTO PLC	SPONS ADR	767204100	371	883	SH	X		01
ROCK-TENN CO	CL A	772739207	261	10,285	SH	X		01
ROCKWELL AUTOMATION	COM	773903109	1,776	25,748	SH	X		01
ROCKWELL AUTOMATION	COM	773903109	370	5,361	SH		X	01
ROCKWELL COLLINS INC	COM	774341101	2,687	37,330	SH	X		01
ROCKWELL COLLINS INC	COM	774341101	430	5,975	SH		X	01
ROGERS CORP	COM	775133101	265	6,120	SH	X		01
ROHM & HAAS CO	COM	775371107	257	4,834	SH	X		01
ROHM & HAAS CO	COM	775371107	36	678	SH		X	01
ROPER INDS INC NEW	COM	776696106	3,872	61,914	SH	X		01
ROWAN COS INC	COM	779382100	281	7,118	SH	X		01
ROWAN COS INC	COM	779382100	5	125	SH		X	01
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	579	6,972	SH	X		01
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	631	7,598	SH		X	01
ROYAL DUTCH SHELL PLC	SPONS ADR	A780259206	7,665	91,028	SH	X		01
ROYAL DUTCH SHELL PLC	SPONS ADR	A780259206	2,640	31,352	SH		X	01
RPM INTL INC	COM	749685103	80	3,945	SH	X		01
RPM INTL INC	COM	749685103	228	11,250	SH		X	01
RYDER SYS INC	COM	783549108	218	4,638	SH	X		01
RYDER SYS INC	COM	783549108	7	139	SH		X	01
RYDEX ETF TRUST	S&P 500 EQ	78355W106	2,741	58,093	SH	X		01
RYDEX ETF TRUST	S&P 500 EQ	78355W106	122	2,584	SH		X	01
SADIA S A	SP ADR PFD	786326108	2,493	43,591	SH	X		01
SAFECO CORP	COM	786429100	396	7,118	SH	X		01
SAFECO CORP	COM	786429100	8	137	SH		X	01
SAFEWAY INC	COM NEW	786514208	10,881	318,054	SH	X		01
SAFEWAY INC	COM NEW	786514208	18	530	SH		X	01

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SAKS INC	COM	79377W108	374	18,000	SH	X			01
SANOFI AVENTIS	SPONS ADR	80105N105	403	8,847	SH	X			01
SANOFI AVENTIS	SPONS ADR	80105N105	701	15,403	SH		X		01
SAP AKTIENGESELLSCHAFT	SPONS ADR	803054204	169	3,301	SH	X			01
SAP AKTIENGESELLSCHAFT	SPONS ADR	803054204	413	8,095	SH		X		01
SARA LEE CORP	COM	803111103	3,127	194,687	SH	X			01
SARA LEE CORP	COM	803111103	374	23,258	SH		X		01
SATYAM COMPUTER SVCS	ADR	804098101	212	7,940	SH	X			01
SATYAM COMPUTER SVCS	ADR	804098101	473	17,700	SH		X		01
SBA COMMUNICATIONS CO	COM	78388J106	3,449	101,920	SH	X			01
SBA COMMUNICATIONS CO	COM	78388J106	87	2,583	SH		X		01
SCANA CORP NEW	COM	80589M102	178	4,228	SH	X			01
SCANA CORP NEW	COM	80589M102	182	4,320	SH		X		01
SCHEIN HENRY INC	COM	806407102	238	3,884	SH	X			01
SCHEIN HENRY INC	COM	806407102	23	367	SH		X		01
SCHERING PLOUGH CORP	COM	806605101	8,568	321,633	SH	X			01
SCHERING PLOUGH CORP	COM	806605101	234	8,792	SH		X		01
SCHLUMBERGER LTD	COM	806857108	18,511	188,174	SH	X			01
SCHLUMBERGER LTD	COM	806857108	3,367	34,224	SH		X		01
SCHWAB CHARLES CORP	COM	808513105	11,701	457,946	SH	X			01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
SCHWAB CHARLES CORP	COM	808513105	201	7,883	SH			X	01
SCIELE PHARMA INC	COM	808627103	284	13,880	SH	X			01
SCIELE PHARMA INC	COM	808627103	33	1,608	SH			X	01
SEAGATE TECHNOLOGY	SHS	G7945J104	3,830	150,198	SH	X			01
SEALED AIR CORP NEW	COM	81211K100	7,574	327,307	SH	X			01
SEALED AIR CORP NEW	COM	81211K100	90	3,875	SH			X	01
SEARS HLDGS CORP	COM	812350106	271	2,658	SH	X			01
SEARS HLDGS CORP	COM	812350106	1	5	SH			X	01
SEI INVESTMENTS CO	COM	784117103	352	10,956	SH	X			01
SEI INVESTMENTS CO	COM	784117103	11	328	SH			X	01
SELECT SECTOR SPDR TR	SBICONS	DISC81369Y407	675	20,627	SH	X			01
SELECT SECTOR SPDR TR	SBICONS	DISC81369Y407	11	343	SH			X	01
SELECT SECTOR SPDR TR	SBIINT-ENGY	81369Y506	210	2,642	SH	X			01
SELECT SECTOR SPDR TR	SBIINT-FINL	81369Y605	3,192	110,340	SH	X			01
SELECT SECTOR SPDR TR	SBIINT-FINL	81369Y605	4	149	SH			X	01
SELECT SECTOR SPDR TR	SBIINT-INDS	81369Y704	3,478	88,803	SH	X			01
SELECT SECTOR SPDR TR	SBIINT-INDS	81369Y704	16	420	SH			X	01
SELECT SECTOR SPDR TR	SBIINT-TECH	81369Y803	477	17,884	SH	X			01
SELECT SECTOR SPDR TR	SBIINT-TECH	81369Y803	315	11,803	SH			X	01
SELECT SECTOR SPDR TR	SBIINT-UTIL	81369Y886	279	6,587	SH	X			01
SELECT SECTOR SPDR TR	SBIINT-UTIL	81369Y886	133	3,136	SH			X	01
SEMPRA ENERGY	COM	816851109	8,557	138,290	SH	X			01
SEMPRA ENERGY	COM	816851109	67	1,085	SH			X	01

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SENSIENT TECHNOLOGIES	COM	81725T100	215	7,607	SH	X		01
SENSIENT TECHNOLOGIES	COM	81725T100	185	6,550	SH		X	01
SHERWIN WILLIAMS CO	COM	824348106	1,101	18,972	SH	X		01
SHERWIN WILLIAMS CO	COM	824348106	31	540	SH		X	01
SHIP FINANCE INTERNAT	SHS	G81075106	284	10,257	SH	X		01
SHIP FINANCE INTERNAT	SHS	G81075106	87	3,125	SH		X	01
SHIRE PLC	SPONS ADR	82481R106	3,327	48,256	SH	X		01
SHIRE PLC	SPONS ADR	82481R106	70	1,017	SH		X	01
SIEMENS A G	SPONS ADR	826197501	178	1,132	SH	X		01
SIEMENS A G	SPONS ADR	826197501	707	4,494	SH		X	01
SIGMA ALDRICH CORP	COM	826552101	2,226	40,763	SH	X		01
SIGMA ALDRICH CORP	COM	826552101	309	5,663	SH		X	01
SIGNATURE BK NEW YORK	COM	82669G104	2,840	84,143	SH	X		01
SIMON PPTY GROUP INC	COM	828806109	4,433	51,037	SH	X		01
SIMON PPTY GROUP INC	COM	828806109	247	2,849	SH		X	01
SINCLAIR BROADCAST GR	CL A	829226109	109	13,250	SH	X		01
SIRIUS SATELLITE RADIO	COM	82966U103	35	11,450	SH	X		01
SJW CORP	COM	784305104	211	6,100	SH		X	01
SK TELECOM LTD	SPONS ADR	78440P108	212	7,089	SH	X		01
SK TELECOM LTD	SPONS ADR	78440P108	10	350	SH		X	01
SKYWORKS SOLUTIONS IN	COM	83088M102	125	14,649	SH	X		01
SMITH A O	COM	831865209	297	8,460	SH	X		01
SMITH A O	COM	831865209	212	6,050	SH		X	01
SMITH INTL INC	COM	832110100	491	6,648	SH	X		01
SMITH INTL INC	COM	832110100	40	544	SH		X	01
SMUCKER J M CO	COM NEW	832696405	77	1,496	SH	X		01
SMUCKER J M CO	COM NEW	832696405	414	8,048	SH		X	01
SNAP ON INC	COM	833034101	7,802	161,725	SH	X		01
SNAP ON INC	COM	833034101	500	10,355	SH		X	01
SONIC FDRY INC	COM	83545R108	29	20,800	SH	X		01
SONOCO PRODS CO	COM	835495102	232	7,084	SH	X		01
SONOCO PRODS CO	COM	835495102	3	100	SH		X	01
SONY CORP	ADR NEW	835699307	1,649	30,374	SH	X		01
SONY CORP	ADR NEW	835699307	14	256	SH		X	01
SOUTHERN CO	COM	842587107	9,775	252,270	SH	X		01
SOUTHERN CO	COM	842587107	640	16,519	SH		X	01
SOUTHWEST AIRLS CO	COM	844741108	1,818	149,007	SH	X		01
SOUTHWEST AIRLS CO	COM	844741108	15	1,214	SH		X	01
SOUTHWESTERN ENERGY CO	COM	845467109	796	14,289	SH	X		01
SOVEREIGN BANCORP INC	COM	845905108	469	41,116	SH	X		01
SPDR SERIES TRUST	KBW BK ETF	78464A797	1,486	34,126	SH	X		01
SPDR SERIES TRUST	KBW BK ETF	78464A797	50	1,138	SH		X	01
SPDR TR	UNIT SER 1	78462F103	36,721	251,151	SH	X		01
SPDR TR	UNIT SER 1	78462F103	3,878	26,521	SH		X	01
SPECTRA ENERGY CORP	COM	847560109	2,987	115,698	SH	X		01
SPECTRA ENERGY CORP	COM	847560109	120	4,649	SH		X	01
SPECTRUM BRANDS INC	COM	84762L105	356	66,748	SH	X		01
SPIRIT AEROSYSTEMS HL	COM CL A	848574109	1,328	38,500	SH	X		01
SPRINT NEXTEL CORP	COM SER 1	852061100	2,930	223,172	SH	X		01
SPRINT NEXTEL CORP	COM SER 1	852061100	563	42,869	SH		X	01
SPX CORP	COM	784635104	2,825	27,467	SH	X		01
SPX CORP	COM	784635104	21	200	SH		X	01
ST JUDE MED INC	COM	790849103	974	23,977	SH	X		01
ST JUDE MED INC	COM	790849103	199	4,892	SH		X	01
ST MARY LD & EXPL CO	COM	792228108	6,860	177,668	SH	X		01
ST MARY LD & EXPL CO	COM	792228108	39	1,000	SH		X	01
STAGE STORES INC	COM NEW	85254C305	173	11,658	SH	X		01
STAGE STORES INC	COM NEW	85254C305	21	1,410	SH		X	01
STANCORP FINL GROUP	COM	852891100	8,931	177,278	SH	X		01
STANLEY WKS	COM	854616109	220	4,543	SH	X		01
STANLEY WKS	COM	854616109	6	116	SH		X	01
STANTEC INC	COM	85472N109	211	5,400	SH	X		01

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STAPLES INC	COM	855030102	1,382	59,924	SH	X			01
STAPLES INC	COM	855030102	440	19,079	SH		X		01
STARBUCKS CORP	COM	855244109	695	33,956	SH	X			01
STARBUCKS CORP	COM	855244109	458	22,388	SH		X		01

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - - COLUMN 1 - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
STATE STR CORP	COM	857477103	8,257	101,692	SH	X			01
STATE STR CORP	COM	857477103	33	408	SH			X	01
STEEL DYNAMICS INC	COM	858119100	1,514	25,408	SH	X			01
STEEL DYNAMICS INC	COM	858119100	34	570	SH			X	01
STERICYCLE INC	COM	858912108	1,355	22,818	SH	X			01
STERICYCLE INC	COM	858912108	62	1,042	SH			X	01
STMICROELECTRONICS NV	NY REGIS	861012102	633	44,269	SH	X			01
STMICROELECTRONICS NV	NY REGIS	861012102	5	330	SH			X	01
STORA ENSO CORP	SPON ADR	86210M106	407	27,667	SH	X			01
STORA ENSO CORP	SPON ADR	86210M106	477	32,446	SH			X	01
STREETTRACKS GOLD TR	GOLD SHS	863307104	676	8,203	SH	X			01
STRYKER CORP	COM	863667101	14,104	188,762	SH	X			01
STRYKER CORP	COM	863667101	904	12,103	SH			X	01
SUCAMPO PHARMACEUTICAL	CL A	864909106	3,395	185,099	SH	X			01
SUN HEALTHCARE GROUP	COM NEW	866933401	3,849	224,147	SH	X			01
SUN HEALTHCARE GROUP	COM NEW	866933401	15	882	SH			X	01
SUN MICROSYSTEMS INC	COM NEW	866810203	185	10,225	SH	X			01
SUN MICROSYSTEMS INC	COM NEW	866810203	18	984	SH			X	01
SUNCOR ENERGY INC	COM	867229106	842	7,744	SH	X			01
SUNCOR ENERGY INC	COM	867229106	683	6,280	SH			X	01
SUNOCO INC	COM	86764P109	5,001	69,038	SH	X			01
SUNOCO INC	COM	86764P109	247	3,413	SH			X	01
SUNTRUST BKS INC	COM	867914103	941	15,063	SH	X			01
SUNTRUST BKS INC	COM	867914103	11	178	SH			X	01
SUPERIOR ENERGY SVCS	COM	868157108	1,423	41,332	SH	X			01
SUPERIOR ENERGY SVCS	COM	868157108	1	37	SH			X	01
SUPERVALU INC	COM	868536103	1,715	45,700	SH	X			01
SUPERVALU INC	COM	868536103	215	5,724	SH			X	01
SYMANTEC CORP	COM	871503108	333	20,662	SH	X			01
SYMANTEC CORP	COM	871503108	12	724	SH			X	01
SYNAPTICS INC	COM	87157D109	4,478	108,790	SH	X			01
SYNGENTA AG	SPONS ADR	87160A100	374	7,391	SH	X			01
SYNGENTA AG	SPONS ADR	87160A100	20	400	SH			X	01
SYNIVERSE HLDGS INC	COM	87163F106	223	14,320	SH	X			01
SYNOPSIS INC	COM	871607107	9,748	375,944	SH	X			01
SYNOVUS FINL CORP	COM	87161C105	229	9,499	SH	X			01
SYNOVUS FINL CORP	COM	87161C105	300	12,471	SH			X	01
SYSCO CORP	COM	871829107	2,473	79,244	SH	X			01
SYSCO CORP	COM	871829107	1,260	40,369	SH			X	01



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TAIWAN SEMICONDUCTOR	SPONS ADR	874039100	105	10,498	SH	X		01
TAIWAN SEMICONDUCTOR	SPONS ADR	874039100	86	8,623	SH		X	01
TALEO CORP	CL A	87424N104	4,084	137,154	SH	X		01
TALISMAN ENERGY INC	COM	87425E103	200	10,825	SH	X		01
TALISMAN ENERGY INC	COM	87425E103	177	9,545	SH		X	01
TARGET CORP	COM	87612E106	9,050	180,992	SH	X		01
TARGET CORP	COM	87612E106	2,204	44,086	SH		X	01
TD AMERITRADE HLDG CO	COM	87236Y108	2,929	146,007	SH	X		01
TEAM FINANCIAL INC	COM	87815X109	252	17,000	SH	X		01
TECH DATA CORP	COM	878237106	5,083	134,761	SH	X		01
TECHNE CORP	COM	878377100	85	1,285	SH	X		01
TECHNE CORP	COM	878377100	330	5,000	SH		X	01
TECO ENERGY INC	COM	872375100	178	10,371	SH	X		01
TECO ENERGY INC	COM	872375100	11	646	SH		X	01
TEKELEC	COM	879101103	210	16,800	SH	X		01
TELECOM ITALIA S P A	SPONS ADR	87927Y102	318	10,326	SH	X		01
TELECOM ITALIA S P A	SPONS ADR	87927Y102	8	271	SH		X	01
TELECOM ITALIA S P A	SPONS ADR	87927Y201	696	29,625	SH		X	01
TELEFONICA S A	SPONS ADR	879382208	322	3,304	SH	X		01
TELEFONICA S A	SPONS ADR	879382208	87	889	SH		X	01
TELEFONOS DE MEXICO SAB	SPONS ADR	879403780	315	8,556	SH	X		01
TELLABS INC	COM	879664100	75	11,498	SH	X		01
TELLABS INC	COM	879664100	13	2,020	SH		X	01
TERADATA CORP DEL	COM	88076W103	249	9,069	SH	X		01
TERADATA CORP DEL	COM	88076W103	45	1,642	SH		X	01
TESORO CORP	COM	881609101	180	3,769	SH	X		01
TESORO CORP	COM	881609101	31	648	SH		X	01
TEVA PHARMACEUTICAL	ADR	881624209	4,469	96,157	SH	X		01
TEVA PHARMACEUTICAL	ADR	881624209	1,102	23,716	SH		X	01
TEXAS INSTRS INC	COM	882508104	2,989	89,486	SH	X		01
TEXAS INSTRS INC	COM	882508104	1,297	38,827	SH		X	01
TEXTRON INC	COM	883203101	3,881	54,427	SH	X		01
TEXTRON INC	COM	883203101	220	3,085	SH		X	01
THERMO FISHER SCIENTIF	COM	883556102	19,834	343,870	SH	X		01
THERMO FISHER SCIENTIF	COM	883556102	706	12,238	SH		X	01
THESTREET COM	COM	88368Q103	5,113	321,189	SH	X		01
THIRD WAVE TECHNOLOGIES	COM	88428W108	29	3,000	SH	X		01
THIRD WAVE TECHNOLOGIES	COM	88428W108	127	13,200	SH		X	01
TIME WARNER INC	COM	887317105	10,331	625,723	SH	X		01
TIME WARNER INC	COM	887317105	1,247	75,515	SH		X	01
TJX COS INC NEW	COM	872540109	11,057	384,849	SH	X		01
TJX COS INC NEW	COM	872540109	196	6,812	SH		X	01
TNS INC	COM	872960109	2,624	147,814	SH	X		01
TOMKINS PLC	SPONS ADR	890030208	4	255	SH	X		01
TOMKINS PLC	SPONS ADR	890030208	237	16,974	SH		X	01
TORCHMARK CORP	COM	891027104	585	9,671	SH	X		01
TORCHMARK CORP	COM	891027104	15	247	SH		X	01
TOTAL S A	SPONS ADR	89151E109	235	2,849	SH	X		01
TOTAL S A	SPONS ADR	89151E109	816	9,883	SH		X	01
TOYOTA MOTOR CORP	SPONS ADR	892331307	40	376	SH	X		01

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MARSHALL & ILSLEY TRUST CO N.A.  
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- - - COLUMN 1 - - - - COLUMN 2- -COLUMN 3 - COLUMN 4 - COLUMN 5 -COLUMN 6 - - - -COLUMN 7 - -

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NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
TOYOTA MOTOR CORP	SPONS ADR	892331307	173	1,630	SH			X	01
TRADESTATION GROUP INC	COM	89267P105	3,033	213,473	SH	X			01
TRADESTATION GROUP INC	COM	89267P105	3	224	SH			X	01
TRANSACT TECHNOLOGIES	COM	892918103	207	43,300	SH	X			01
TRANSOCEAN INC NEW	SHS	G90073100	21,799	152,281	SH	X			01
TRANSOCEAN INC NEW	SHS	G90073100	2,249	15,708	SH			X	01
TRAVELERS COMPANIES INC	COM	89417E109	11,615	215,883	SH	X			01
TRAVELERS COMPANIES INC	COM	89417E109	265	4,934	SH			X	01
TRIMBLE NAVIGATION LT	COM	896239100	1,580	52,241	SH	X			01
TUPPERWARE BRANDS COR	COM	899896104	6,005	181,805	SH	X			01
TUPPERWARE BRANDS COR	COM	899896104	428	12,968	SH			X	01
TWIN DISC INC	COM	901476101	421	5,946	SH			X	01
TXCO RES INC	COM	87311M102	5,011	415,525	SH	X			01
TYCO ELECTRONICS LTD	COM NEW	G9144P105	1,317	35,479	SH	X			01
TYCO ELECTRONICS LTD	COM NEW	G9144P105	313	8,442	SH			X	01
TYCO INTL LTD BERMUDA	SHS	G9143X208	876	22,090	SH	X			01
TYCO INTL LTD BERMUDA	SHS	G9143X208	259	6,529	SH			X	01
UBS AG	SHS NEW	H89231338	4,827	104,926	SH	X			01
UBS AG	SHS NEW	H89231338	567	12,317	SH			X	01
UGI CORP NEW	COM	902681105	271	9,936	SH	X			01
ULTRA PETROLEUM CORP	COM	903914109	3,581	50,080	SH	X			01
ULTRA PETROLEUM CORP	COM	903914109	61	860	SH			X	01
ULTRALIFE BATTERIES INC	COM	903899102	2,790	138,462	SH	X			01
UNILEVER N V	N Y SHS	904784709	407	11,157	SH	X			01
UNILEVER N V	N Y SHS	904784709	30	810	SH			X	01
UNILEVER PLC	SPON ADR	904767704	95	2,528	SH	X			01
UNILEVER PLC	SPON ADR	904767704	277	7,414	SH			X	01
UNION PAC CORP	COM	907818108	3,263	25,976	SH	X			01
UNION PAC CORP	COM	907818108	1,069	8,506	SH			X	01
UNITED PARCEL SERVICE	CL B	911312106	8,512	120,362	SH	X			01
UNITED PARCEL SERVICE	CL B	911312106	872	12,324	SH			X	01
UNITED STATES STL COR	COM	912909108	315	2,604	SH	X			01
UNITED STATES STL COR	COM	912909108	209	1,727	SH			X	01
UNITED TECHNOLOGIES C	COM	913017109	14,365	187,684	SH	X			01
UNITED TECHNOLOGIES C	COM	913017109	4,706	61,486	SH			X	01
UNITEDHEALTH GROUP IN	COM	91324P102	5,414	93,023	SH	X			01
UNITEDHEALTH GROUP IN	COM	91324P102	1,348	23,164	SH			X	01
UNIVERSAL HLTH SVCS	CL B	913903100	211	4,120	SH	X			01
UPM KYMENE CORP	SPONS ADR	915436109	205	10,165	SH			X	01
URBAN OUTFITTERS INC	COM	917047102	2,741	100,533	SH	X			01
US BANCORP DEL	COM NEW	902973304	22,926	722,298	SH	X			01
US BANCORP DEL	COM NEW	902973304	3,754	118,265	SH			X	01
UST INC	COM	902911106	8,971	163,710	SH	X			01
UST INC	COM	902911106	56	1,023	SH			X	01
UTI WORLDWIDE INC	ORD	G87210103	372	19,000	SH	X			01
V F CORP	COM	918204108	2,255	32,842	SH	X			01
V F CORP	COM	918204108	24	349	SH			X	01
VAIL RESORTS INC	COM	91879Q109	5,111	94,991	SH	X			01
VAIL RESORTS INC	COM	91879Q109	50	930	SH			X	01
VALEANT PHARMACEUTICA	COM	91911X104	135	11,307	SH	X			01
VALERO ENERGY CORP	COM	91913Y100	4,923	70,299	SH	X			01
VALERO ENERGY CORP	COM	91913Y100	212	3,032	SH			X	01
VANGUARD BD INDEX FD	SHTRMBND	921937827	2,057	26,700	SH	X			01
VANGUARD INDEX FDS	REIT ETF	922908553	286	4,650	SH	X			01
VANGUARD INDEX FDS	SMCPVALETF	922908611	4,703	72,760	SH	X			01

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VANGUARD INDEX FDS	EXTENDMKT	922908652	271	2,578	SH	X			01
VANGUARD INDEX FDS	GROWTH ETF	922908736	683	10,587	SH	X			01
VANGUARD INDEX FDS	VALUE ETF	922908744	1,229	18,509	SH	X			01
VANGUARD INDEX FDS	SMLCP ETF	922908751	244	3,588	SH	X			01
VANGUARD INDEX FDS	STK MRK ETF	922908769	2,839	19,560	SH	X			01
VANGUARD INDEX FDS	STK MRK ETF	922908769	559	3,850	SH			X	01
VANGUARD INTL EQUITY	EMR MKT ETF	922042858	1,220	11,698	SH	X			01
VANGUARD INTL EQUITY	EMR MKT ETF	922042858	1,095	10,500	SH			X	01
VANGUARD INTL EQUITY	PACIFIC ETF	922042866	215	3,170	SH	X			01
VANGUARD INTL EQUITY	EURPEAN ETF	922042874	6,035	80,657	SH	X			01
VANGUARD INTL EQUITY	EURPEAN ETF	922042874	243	3,250	SH			X	01
VANGUARD TAX-MANAGED	EUROPE PAC	921943858	650	13,571	SH	X			01
VANGUARD WHITEHALL FD	HIGH DIV	921946406	453	8,867	SH	X			01
VANGUARD WHITEHALL FD	HIGH DIV	921946406	30	578	SH			X	01
VANGUARD WORLD FDS	HLTH CARE	92204A504	438	7,221	SH	X			01
VANGUARD WORLD FDS	UTILITIES	92204A876	260	2,974	SH	X			01
VAN KAMPEN TR INVT GR	COM	920929106	267	19,370	SH	X			01
VAN KAMPEN TR INVT GR	COM	920929106	455	33,000	SH			X	01
VAN KAMPEN MUN OPPORT	COM	920935103	326	22,992	SH	X			01
VAN KAMPEN MUN OPPORT	COM	920935103	469	33,000	SH			X	01
VARIAN MED SYS INC	COM	92220P105	218	4,171	SH	X			01
VARIAN MED SYS INC	COM	92220P105	74	1,410	SH			X	01
VASCO DATA SEC INTL	COM	92230Y104	2,084	74,648	SH	X			01
VASCO DATA SEC INTL	COM	92230Y104	17	600	SH			X	01
VECTREN CORP	COM	92240G101	369	12,718	SH	X			01
VECTREN CORP	COM	92240G101	175	6,046	SH			X	01
VEOLIA ENVIRONNEMENT	SPONS ADR	92334N103	266	2,920	SH	X			01
VEOLIA ENVIRONNEMENT	SPONS ADR	92334N103	400	4,400	SH			X	01
VERIZON COMMUNICATION	COM	92343V104	46,862	1,072,611	SH	X			01
VERIZON COMMUNICATION	COM	92343V104	4,025	92,118	SH			X	01
VERTEX PHARMACEUTICAL	COM	92532F100	1,118	48,109	SH	X			01
VERTEX PHARMACEUTICAL	COM	92532F100	7	300	SH			X	01
VIACOM INC NEW	CL B	92553P201	743	16,921	SH	X			01
VIACOM INC NEW	CL B	92553P201	267	6,077	SH			X	01

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MARSHALL & ILSLEY TRUST CO N.A.  
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NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
VIAD CORP	COM NEW	92552R406	211	6,669	SH	X			01
VISHAY INTERTECHNOLOGY	COM	928298108	116	10,149	SH	X			01
VISTAPRINT LIMITED	SHS	G93762204	2,667	62,234	SH	X			01
VODAFONE GROUP PLC NE	SPONS ADR	92857W209	994	26,629	SH	X			01
VODAFONE GROUP PLC NE	SPONS ADR	92857W209	965	25,866	SH			X	01
VORNADO RLTY TR	SH BEN INT	929042109	1,201	13,659	SH	X			01
VORNADO RLTY TR	SH BEN INT	929042109	324	3,680	SH			X	01
VULCAN MATLS CO	COM	929160109	575	7,272	SH	X			01
VULCAN MATLS CO	COM	929160109	36	458	SH			X	01

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WACHOVIA CORP NEW	COM	929903102	9,394	247,023	SH	X		01
WACHOVIA CORP NEW	COM	929903102	1,656	43,547	SH		X	01
WACOAL HOLDINGS CORP	ADR	930004205	323	5,036	SH		X	01
WAL MART STORES INC	COM	931142103	17,726	372,938	SH	X		01
WAL MART STORES INC	COM	931142103	3,653	76,858	SH		X	01
WALGREEN CO	COM	931422109	12,625	331,542	SH	X		01
WALGREEN CO	COM	931422109	6,539	171,709	SH		X	01
WASHINGTON MUT INC	COM	939322103	413	30,346	SH	X		01
WASHINGTON MUT INC	COM	939322103	10	751	SH		X	01
WASTE MGMT INC DEL	COM	94106L109	5,171	158,272	SH	X		01
WASTE MGMT INC DEL	COM	94106L109	1,222	37,403	SH		X	01
WATERS CORP	COM	941848103	2,294	29,015	SH	X		01
WATERS CORP	COM	941848103	257	3,245	SH		X	01
WAUSAU PAPER CORP	COM	943315101	1,261	140,223	SH	X		01
WAUSAU PAPER CORP	COM	943315101	970	107,946	SH		X	01
WAUWATOSA HLDGS INC	COM	94348P108	9,567	746,236	SH	X		01
WEATHERFORD ITNL	COM	G95089101	869	12,665	SH	X		01
WEATHERFORD ITNL	COM	G95089101	175	2,555	SH		X	01
WEINGARTEN RLTY INVS	SH BEN INT	948741103	38	1,204	SH	X		01
WEINGARTEN RLTY INVS	SH BEN INT	948741103	473	15,049	SH		X	01
WELLPOINT INC	COM	94973V107	14,533	165,660	SH	X		01
WELLPOINT INC	COM	94973V107	619	7,056	SH		X	01
WELLS FARGO & CO NEW	COM	949746101	29,547	978,709	SH	X		01
WELLS FARGO & CO NEW	COM	949746101	3,126	103,531	SH		X	01
WESTAR ENERGY INC	COM	95709T100	222	8,577	SH	X		01
WESTAR ENERGY INC	COM	95709T100	18	704	SH		X	01
WSTRN ASSET GLBL HG INC	COM	95766B109	234	20,000	SH	X		01
WESTERN DIGITAL CORP	COM	958102105	2,354	77,907	SH	X		01
WESTERN DIGITAL CORP	COM	958102105	26	850	SH		X	01
WESTERN REFNG INC	COM	959319104	242	10,000	SH	X		01
WESTERN UN CO	COM	959802109	830	34,167	SH	X		01
WESTERN UN CO	COM	959802109	69	2,828	SH		X	01
WEYCO GROUP INC	COM	962149100	0	0	SH	X		01
WEYCO GROUP INC	COM	962149100	572	20,798	SH		X	01
WEYERHAEUSER CO	COM	962166104	11,483	155,729	SH	X		01
WEYERHAEUSER CO	COM	962166104	1,497	20,302	SH		X	01
WHIRLPOOL CORP	COM	963320106	6,046	74,062	SH	X		01
WHIRLPOOL CORP	COM	963320106	169	2,067	SH		X	01
WILLIAMS COS INC DEL	COM	969457100	935	26,141	SH	X		01
WILLIAMS COS INC DEL	COM	969457100	357	9,977	SH		X	01
WILLIS GROUP HOLDINGS	SHS	G96655108	884	23,275	SH	X		01
WILLIS GROUP HOLDINGS	SHS	G96655108	359	9,445	SH		X	01
WINDSTREAM CORP	COM	97381W104	6,125	470,393	SH	X		01
WINDSTREAM CORP	COM	97381W104	146	11,182	SH		X	01
WISCONSIN ENERGY CORP	COM	976657106	6,209	127,468	SH	X		01
WISCONSIN ENERGY CORP	COM	976657106	1,715	35,215	SH		X	01
WISDOMTREE TRUST	LGCP DIV	97717W307	323	5,584	SH	X		01
WISDOMTREE TRUST	PAC EXJ	97717W828	263	3,212	SH	X		01
WOODWARD GOVERNOR CO	COM	980745103	915	13,461	SH	X		01
WOODWARD GOVERNOR CO	COM	980745103	14	208	SH		X	01
WRIGHT MED GROUP INC	COM	98235T107	4,605	157,857	SH	X		01
WRIGHT MED GROUP INC	COM	98235T107	18	620	SH		X	01
WRIGLEY WM JR CO	COM	982526105	407	6,956	SH	X		01
WRIGLEY WM JR CO	COM	982526105	1,886	32,218	SH		X	01
WYETH	COM	983024100	6,696	151,522	SH	X		01
WYETH	COM	983024100	2,474	55,990	SH		X	01
XCEL ENERGY INC	COM	98389B100	2,519	111,618	SH	X		01
XCEL ENERGY INC	COM	98389B100	127	5,609	SH		X	01
XEROX CORP	COM	984121103	10,675	659,364	SH	X		01
XEROX CORP	COM	984121103	26	1,636	SH		X	01
XILINX INC	COM	983919101	245	11,211	SH	X		01
XILINX INC	COM	983919101	21	963	SH		X	01

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XTO ENERGY INC	COM	98385X106	1,725	33,581	SH	X			01
XTO ENERGY INC	COM	98385X106	514	10,015	SH		X		01
YAHOO INC	COM	984332106	1,748	75,134	SH	X			01
YAHOO INC	COM	984332106	123	5,308	SH		X		01
YAMANA GOLD INC	COM	98462Y100	39	3,000	SH	X			01
YAMANA GOLD INC	COM	98462Y100	140	10,850	SH		X		01
YUM BRANDS INC	COM	988498101	4,429	115,742	SH	X			01
YUM BRANDS INC	COM	988498101	292	7,642	SH		X		01
ZEP INC	COM	98944B108	205	14,750	SH	X			01
ZIMMER HLDGS INC	COM	98956P102	1,189	17,972	SH	X			01
ZIMMER HLDGS INC	COM	98956P102	415	6,276	SH		X		01
ZOLTEK COS INC	COM	98975W104	45	1,060	SH	X			01
ZOLTEK COS INC	COM	98975W104	2,377	55,438	SH		X		01

REPORT PTR289

M&I INVESTMENT MANAGEMENT CORP.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - - COLUMN 1 - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
AFLAC INC	COM	001055102	216	3,445	SH	X			05
AT&T INC	COM	00206R102	722	17,372	SH	X			05
AIR PRODS & CHEMS INC	COM	009158106	232	2,350	SH	X			05
ALTRIA GROUP INC	COM	02209S103	240	3,180	SH	X			05
AMEREN CORP	COM	023608102	461	8,510	SH	X			05
ANHEUSER BUSCH COS INC	COM	035229103	283	5,415	SH	X			05
BANK OF AMERICA CORP	COM	060505104	469	11,370	SH	X			05
BRISTOL MYERS SQUIBB	COM	110122108	223	8,395	SH	X			05
CHEVRON CORP NEW	COM	166764100	941	10,085	SH	X			05
CINCINNATI FINL CORP	COM	172062101	254	6,415	SH	X			05
CISCO SYS INC	COM	17275R102	388	14,338	SH	X			05
CITIGROUP INC	COM	172967101	414	14,070	SH	X			05
CITIZENS COMMUNICATIONS	COM	17453B101	263	20,655	SH	X			05
COCA COLA CO	COM	191216100	791	12,890	SH	X			05
CONOCOPHILLIPS	COM	20825C104	517	5,855	SH	X			05
CONSOLIDATED EDISON INC	COM	209115104	496	10,145	SH	X			05
DTE ENERGY CO	COM	233331107	219	4,990	SH	X			05
DEERE & CO	COM	244199105	322	3,460	SH	X			05
DELL INC	COM	24702R101	235	9,590	SH	X			05
DONNELLEY R R & SONS	COM	257867101	231	6,130	SH	X			05
DU PONT E I DE NEMOURS	COM	263534109	230	5,225	SH	X			05
ELECTRONIC ARTS INC	COM	285512109	218	3,730	SH	X			05
EMBARQ CORP	COM	29078E105	201	4,060	SH	X			05
EQUITY RESIDENTIAL	SH BEN INT	29476L107	227	6,230	SH	X			05
EXXON MOBIL CORP	COM	30231G102	505	5,395	SH	X			05
GENERAL ELECTRIC CO	COM	369604103	949	25,590	SH	X			05
GOOGLE INC	CL A	38259P508	270	390	SH	X			05
HEINZ H J CO	COM	423074103	247	5,300	SH	X			05
INTEL CORP	COM	458140100	218	8,184	SH	X			05
ISHARES TR	MSCI EAFE	464287465	415	5,291	SH	X			05

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ISHARES TR	RUSL MCP GR464287481	5,418	47,550	SH	X	05
ISHARES TR	RUSL1000GR 464287614	2,589	42,600	SH	X	05
ISHARES TR	RUSL2000GR 464287648	6,228	74,600	SH	X	05
JOHNSON & JOHNSON	COM 478160104	453	6,790	SH	X	05
KELLOGG CO	COM 487836108	404	7,705	SH	X	05
LILLY ELI & CO	COM 532457108	228	4,275	SH	X	05
LOCKHEED MARTIN CORP	COM 539830109	264	2,510	SH	X	05
MERCK & CO INC	COM 589331107	312	5,375	SH	X	05
MICROSOFT CORP	COM 594918104	331	9,306	SH	X	05
MONSANTO CO NEW	COM 61166W101	251	2,250	SH	X	05
NORTHERN TR CORP	COM 665859104	226	2,946	SH	X	05
OCULUS INNOVATIVE	COM 67575P108	126	30,674	SH	X	05
PFIZER INC	COM 717081103	484	21,300	SH	X	05
PITNEY BOWES INC	COM 724479100	235	6,170	SH	X	05
PLUM CREEK TIMBER CO	COM 729251108	443	9,630	SH	X	05
PROCTER & GAMBLE CO	COM 742718109	305	4,150	SH	X	05
PROGRESS ENERGY INC	COM 743263105	547	11,295	SH	X	05
SCHWAB CHARLES CORP	COM 808513105	266	10,400	SH	X	05
SOUTHERN CO	COM 842587107	353	9,100	SH	X	05
SPECTRA ENERGY CORP	COM 847560109	250	9,670	SH	X	05
US BANCORP DEL	COM NEW 902973304	332	10,455	SH	X	05
VERIZON COMMUNICATIONS	COM 92343V104	583	13,345	SH	X	05
WACHOVIA CORP NEW	COM 929903102	375	9,865	SH	X	05
WELLS FARGO & CO NEW	COM 949746101	517	17,125	SH	X	05
WEYERHAEUSER CO	COM 962166104	317	4,300	SH	X	05
WINDSTREAM CORP	COM 97381W104	318	24,435	SH	X	05

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NORTH STAR TRUST COMPANY  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - COLUMN 7 - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
AFLAC INC	COM	001055102	1,013	16,175	SH	X			03 01
AFLAC INC	COM	001055102	169	2,700	SH			X	03 01
AT&T INC	COM	00206R102	2,173	52,283	SH	X			03 01
AT&T INC	COM	00206R102	593	14,262	SH			X	03 01
ABBOTT LABS	COM	002824100	893	15,900	SH	X			03 01
ABBOTT LABS	COM	002824100	101	1,800	SH			X	03 01
ALLIANT ENERGY CORP	COM	018802108	814	20,000	SH	X			03 01
ALLIANT ENERGY CORP	COM	018802108	230	5,650	SH			X	03 01
ANHEUSER BUSCH COS INC	COM	035229103	916	17,500	SH	X			03 01
ANHEUSER BUSCH COS INC	COM	035229103	105	2,000	SH			X	03 01
APACHE CORP	COM	037411105	1,648	15,325	SH	X			03 01
APACHE CORP	COM	037411105	269	2,500	SH			X	03 01
BP PLC	SPONS ADR	055622104	363	4,960	SH	X			03 01
BP PLC	SPONS ADR	055622104	188	2,563	SH			X	03 01
BANK OF AMERICA CORP	COM	060505104	1,160	28,112	SH	X			03 01
BANK OF AMERICA CORP	COM	060505104	158	3,824	SH			X	03 01
BHP BILLITON LTD	SPONS ADR	088606108	1,958	27,950	SH	X			03 01

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BHP BILLITON LTD	SPONS ADR	088606108	186	2,650	SH		X	03 01
BLUE CHIP VALUE FD INC	COM	095333100	54	10,300	SH	X		03 01
BRISTOL MYERS SQUIBB CO	COM	110122108	779	29,365	SH	X		03 01
BRISTOL MYERS SQUIBB CO	COM	110122108	88	3,300	SH		X	03 01
CHEVRON CORP NEW	COM	166764100	378	4,051	SH	X		03 01
CHEVRON CORP NEW	COM	166764100	161	1,728	SH		X	03 01
CISCO SYS INC	COM	17275R102	1,536	56,740	SH	X		03 01
CISCO SYS INC	COM	17275R102	166	6,150	SH		X	03 01
COCA COLA CO	COM	191216100	1,042	16,974	SH	X		03 01
COCA COLA CO	COM	191216100	196	3,200	SH		X	03 01
CONOCOPHILLIPS	COM	20825C104	2,003	22,684	SH	X		03 01
CONOCOPHILLIPS	COM	20825C104	239	2,706	SH		X	03 01
DANAHER CORP DEL	COM	235851102	1,568	17,870	SH	X		03 01
DANAHER CORP DEL	COM	235851102	241	2,750	SH		X	03 01
DENTSPLY INTL INC NEW	COM	249030107	979	21,750	SH	X		03 01
DENTSPLY INTL INC NEW	COM	249030107	122	2,700	SH		X	03 01
DU PONT E I DE NEMOURS	COM	263534109	388	8,795	SH	X		03 01
DU PONT E I DE NEMOURS	COM	263534109	123	2,800	SH		X	03 01
EMERSON ELEC CO	COM	291011104	1,466	25,875	SH	X		03 01
EMERSON ELEC CO	COM	291011104	233	4,110	SH		X	03 01
EXELON CORP	COM	30161N101	928	11,366	SH	X		03 01
EXELON CORP	COM	30161N101	263	3,226	SH		X	03 01
EXXON MOBIL CORP	COM	30231G102	2,635	28,120	SH	X		03 01
EXXON MOBIL CORP	COM	30231G102	553	5,900	SH		X	03 01
GENERAL ELECTRIC CO	COM	369604103	1,690	45,585	SH	X		03 01
GENERAL ELECTRIC CO	COM	369604103	257	6,920	SH		X	03 01
GILEAD SCIENCES INC	COM	375558103	1,963	42,675	SH	X		03 01
GILEAD SCIENCES INC	COM	375558103	228	4,950	SH		X	03 01
HEWLETT PACKARD CO	COM	428236103	2,462	48,775	SH	X		03 01
HEWLETT PACKARD CO	COM	428236103	291	5,765	SH		X	03 01
HONEYWELL INTL INC	COM	438516106	199	3,225	SH	X		03 01
HONEYWELL INTL INC	COM	438516106	35	562	SH		X	03 01
ILLINOIS TOOL WKS INC	COM	452308109	331	6,190	SH	X		03 01
ILLINOIS TOOL WKS INC	COM	452308109	36	670	SH		X	03 01
INTL BUSINESS MACHS	COM	459200101	1,043	9,645	SH	X		03 01
INTL BUSINESS MACHS	COM	459200101	218	2,013	SH		X	03 01
JOHNSON & JOHNSON	COM	478160104	1,132	16,977	SH	X		03 01
JOHNSON & JOHNSON	COM	478160104	227	3,400	SH		X	03 01
KELLOGG CO	COM	487836108	1,883	35,915	SH	X		03 01
KELLOGG CO	COM	487836108	206	3,925	SH		X	03 01
KIMBERLY CLARK CORP	COM	494368103	719	10,375	SH	X		03 01
KIMBERLY CLARK CORP	COM	494368103	211	3,050	SH		X	03 01
L-3 COMMUNICATIONS	COM	502424104	2,378	22,450	SH	X		03 01
L-3 COMMUNICATIONS	COM	502424104	249	2,350	SH		X	03 01
LOCKHEED MARTIN CORP	COM	539830109	189	1,800	SH	X		03 01
LOCKHEED MARTIN CORP	COM	539830109	96	911	SH		X	03 01
LUBRIZOL CORP	COM	549271104	617	11,400	SH	X		03 01
LUBRIZOL CORP	COM	549271104	103	1,900	SH		X	03 01
MANULIFE FINL CORP	COM	56501R106	304	7,448	SH	X		03 01
MCGRATH RENTCORP	COM	580589109	15,891	617,126	SH	X		03 01
MEDTRONIC INC	COM	585055106	305	6,070	SH	X		03 01
MEDTRONIC INC	COM	585055106	160	3,175	SH		X	03 01
MERCK & CO INC	COM	589331107	1,366	23,500	SH	X		03 01
MERCK & CO INC	COM	589331107	295	5,075	SH		X	03 01
MICROSOFT CORP	COM	594918104	427	12,000	SH	X		03 01
MICROSOFT CORP	COM	594918104	25	700	SH		X	03 01
MIDWEST BANC HOLDINGS	COM	598251106	449	36,117	SH	X		03 01
MONSANTO CO NEW	COM	61166W101	598	5,350	SH	X		03 01
NEWMONT MINING CORP	COM	651639106	693	14,200	SH	X		03 01
NEWMONT MINING CORP	COM	651639106	93	1,900	SH		X	03 01
NIKE INC	CL B	654106103	353	5,500	SH	X		03 01
NIKE INC	CL B	654106103	13	200	SH		X	03 01

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NOKIA CORP	SPONS ADR	654902204	493	12,850	SH	X		03	01
NOKIA CORP	SPONS ADR	654902204	31	800	SH		X	03	01
NORTHROP GRUMMAN CORP	COM	666807102	456	5,800	SH	X		03	01
NORTHROP GRUMMAN CORP	COM	666807102	94	1,200	SH		X	03	01
OMNICOM GROUP INC	COM	681919106	696	14,650	SH	X		03	01
OMNICOM GROUP INC	COM	681919106	76	1,600	SH		X	03	01
PEPSICO INC	COM	713448108	1,785	23,512	SH	X		03	01
PEPSICO INC	COM	713448108	435	5,735	SH		X	03	01
PFIZER INC	COM	717081103	346	15,238	SH	X		03	01
PFIZER INC	COM	717081103	18	780	SH		X	03	01

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NORTH STAR TRUST COMPANY  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 12/31/2007

- - - COLUMN 1 - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - COLUMN 5 - COLUMN 6 - - - - COLUMN 7 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	OTHER MGRS
POPULAR INC	COM	733174106	119	11,200	SH			X	03 01
PROCTER & GAMBLE CO	COM	742718109	1,902	25,900	SH	X			03 01
PROCTER & GAMBLE CO	COM	742718109	297	4,042	SH			X	03 01
PRUDENTIAL FINL INC	COM	744320102	407	4,372	SH	X			03 01
PRUDENTIAL FINL INC	COM	744320102	210	2,261	SH			X	03 01
ROYAL DUTCH SHELL PLC	SPONS ADR	780259206	232	2,750	SH	X			03 01
SAFeway INC	COM NEW	786514208	806	23,550	SH	X			03 01
SAFeway INC	COM NEW	786514208	80	2,350	SH			X	03 01
SCHERING PLOUGH CORP	COM	806605101	531	19,950	SH	X			03 01
SCHERING PLOUGH CORP	COM	806605101	31	1,150	SH			X	03 01
SCHLUMBERGER LTD	COM	806857108	2,437	24,775	SH	X			03 01
SCHLUMBERGER LTD	COM	806857108	239	2,425	SH			X	03 01
SNAP ON INC	COM	833034101	613	12,706	SH	X			03 01
SNAP ON INC	COM	833034101	65	1,350	SH			X	03 01
SONOCO PRODS CO	COM	835495102	276	8,440	SH	X			03 01
SONOCO PRODS CO	COM	835495102	67	2,050	SH			X	03 01
STERICYCLE INC	COM	858912108	854	14,375	SH	X			03 01
STERICYCLE INC	COM	858912108	77	1,300	SH			X	03 01
STRYKER CORP	COM	863667101	1,513	20,250	SH	X			03 01
STRYKER CORP	COM	863667101	168	2,250	SH			X	03 01
SUPERIOR BANCORP	COM	86806M106	1,880	350,153	SH	X			03 01
TARGET CORP	COM	87612E106	532	10,640	SH	X			03 01
TARGET CORP	COM	87612E106	74	1,475	SH			X	03 01
3M CO	COM	88579Y101	434	5,145	SH	X			03 01
3M CO	COM	88579Y101	44	525	SH			X	03 01
UNITED TECHNOLOGIES	COM	913017109	2,186	28,565	SH	X			03 01
UNITED TECHNOLOGIES	COM	913017109	287	3,750	SH			X	03 01
VALERO ENERGY CORP NEW	COM	91913Y100	439	6,275	SH	X			03 01
VALERO ENERGY CORP NEW	COM	91913Y100	58	825	SH			X	03 01
VERIZON COMMUNICATIONS	COM	92343V104	1,210	27,704	SH	X			03 01
VERIZON COMMUNICATIONS	COM	92343V104	158	3,610	SH			X	03 01
WALGREEN CO	COM	931422109	855	22,440	SH	X			03 01
WALGREEN CO	COM	931422109	283	7,425	SH			X	03 01



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WELLS FARGO & CO NEW	COM	949746101	358	11,865	SH	X		03 01
WELLS FARGO & CO NEW	COM	949746101	53	1,750	SH		X	03 01
WYETH	COM	983024100	666	15,075	SH	X		03 01
WYETH	COM	983024100	141	3,200	SH		X	03 01