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MARSHALL & ILSLEY CORP/WI/
Form 13F-HR
November 09, 2005

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

Form 13F

Form 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: 09/30/2005

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: R. J. Erickson
Title: Senior Vice President & General Counsel
Phone: 414-765-7809

Signature, Place, and Date of Signing:

/s/ R. J. Erickson
_____ Milwaukee, WI 10/21/2005
[Signature] [City, State] [Date]

Report Type (Check only one.):

- 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:

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Number of Other Included Managers: 3
 Form 13F Information Table Entry Total: 1,406
 Form 13F Information Table Value Total: \$ 4,076,772
 (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. |
| 06 | 28-6060 | Attorney Harrold J. McComas |

REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|----------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| DEUTSCHE BANK AG NAMEN | ORD | D18190898 | 228 | 2,433 SH | | | X |
| ACE LTD | ORD | G0070K103 | 10,517 | 223,441 SH | X | | |
| ACE LTD | ORD | G0070K103 | 19 | 396 SH | | | X |
| ASSURED GUARANTY LTD | COM | G0585R106 | 3,941 | 164,684 SH | X | | |
| COOPER INDS LTD | CL A | G24182100 | 1,070 | 15,482 SH | X | | |
| COOPER INDS LTD | CL A | G24182100 | 9 | 137 SH | | | X |
| GLOBALSANTAFE CORP | SHS | G3930E101 | 6,449 | 141,363 SH | X | | |
| GLOBALSANTAFE CORP | SHS | G3930E101 | 763 | 16,720 SH | | | X |
| INGERSOLL-RAND COMPANY LTD | CL A | G4776G101 | 565 | 14,788 SH | X | | |
| INGERSOLL-RAND COMPANY LTD | CL A | G4776G101 | 64 | 1,685 SH | | | X |
| NABORS INDUSTRIES LTD | SHS | G6359F103 | 1,598 | 22,252 SH | X | | |
| NABORS INDUSTRIES LTD | SHS | G6359F103 | 18 | 253 SH | | | X |

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| | | | | | | | |
|------------------------------|-----------------|-----------|--------|---------|----|---|---|
| NOBLE CORPORATION | SHS | G65422100 | 12,476 | 182,240 | SH | X | |
| NOBLE CORPORATION | SHS | G65422100 | 3 | 41 | SH | | X |
| ORIENT-EXPRESS HOTELS LTD | CL A | G67743107 | 361 | 12,700 | SH | X | |
| PARTNERRE LTD | COM | G6852T105 | 13,355 | 208,514 | SH | X | |
| PARTNERRE LTD | COM | G6852T105 | 43 | 665 | SH | | X |
| RENAISSANCERE HOLDINGS LTD | COM | G7496G103 | 7,174 | 164,052 | SH | X | |
| RENAISSANCERE HOLDINGS LTD | COM | G7496G103 | 103 | 2,355 | SH | | X |
| TRANSOCEAN INC | ORD | G90078109 | 1,499 | 24,457 | SH | X | |
| TRANSOCEAN INC | ORD | G90078109 | 220 | 3,588 | SH | | X |
| WILLIS GROUP HOLDINGS LTD | SHS | G96655108 | 385 | 10,264 | SH | X | |
| WILLIS GROUP HOLDINGS LTD | SHS | G96655108 | 176 | 4,695 | SH | | X |
| XL CAP LTD | CL A | G98255105 | 5,409 | 79,506 | SH | X | |
| XL CAP LTD | CL A | G98255105 | 265 | 3,894 | SH | | X |
| UBS AG | NAMEN AKT | H8920M855 | 581 | 6,799 | SH | X | |
| UBS AG | NAMEN AKT | H8920M855 | 305 | 3,570 | SH | | X |
| CHECK POINT SOFTWARE TECH LT | ORD | M22465104 | 107 | 4,400 | SH | X | |
| CHECK POINT SOFTWARE TECH LT | ORD | M22465104 | 259 | 10,635 | SH | | X |
| M SYS FLASH DISK PIONEERS LT | ORD | M7061C100 | 1,402 | 46,872 | SH | X | |
| SYNERON MEDICAL LTD | ORD SHS | M87245102 | 1,631 | 44,700 | SH | X | |
| AAR CORP | COM | 000361105 | 2,341 | 136,291 | SH | X | |
| A D C TELECOMMUNICATIONS | COM NEW | 000886309 | 1,153 | 50,432 | SH | X | |
| A D C TELECOMMUNICATIONS | COM NEW | 000886309 | 3 | 114 | SH | | X |
| AFLAC INC | COM | 001055102 | 592 | 13,079 | SH | X | |
| AFLAC INC | COM | 001055102 | 114 | 2,520 | SH | | X |
| AES CORP | COM | 00130H105 | 583 | 35,493 | SH | X | |
| AES CORP | COM | 00130H105 | 24 | 1,463 | SH | | X |
| AMDL INC | COM PAR \$0.001 | 00167K401 | 18 | 40,000 | SH | X | |
| AT&T CORP | COM NEW | 001957505 | 2,306 | 116,452 | SH | X | |
| AT&T CORP | COM NEW | 001957505 | 99 | 5,021 | SH | | X |
| ABBOTT LABS | COM | 002824100 | 22,606 | 533,156 | SH | X | |
| ABBOTT LABS | COM | 002824100 | 3,221 | 75,966 | SH | | X |
| ABERCROMBIE & FITCH CO | CL A | 002896207 | 1,301 | 26,104 | SH | X | |
| ACACIA RESH CORP | ACACIA TCH COM | 003881307 | 1,597 | 260,096 | SH | X | |
| ACTIVISION INC NEW | COM NEW | 004930202 | 3,093 | 151,246 | SH | X | |
| ADESA INC | COM | 00686U104 | 10,936 | 494,839 | SH | X | |
| ADESA INC | COM | 00686U104 | 13 | 580 | SH | | X |
| ADEZA BIOMEDICAL CORP | COM | 006864102 | 1,721 | 98,863 | SH | X | |
| ADOBE SYS INC | COM | 00724F101 | 622 | 20,850 | SH | X | |
| ADOBE SYS INC | COM | 00724F101 | 64 | 2,146 | SH | | X |
| ADTRAN INC | COM | 00738A106 | 1,131 | 35,905 | SH | X | |
| ADVANCE AUTO PARTS INC | COM | 00751Y106 | 1,981 | 51,208 | SH | X | |
| ADVANCED MICRO DEVICES INC | COM | 007903107 | 2,468 | 97,928 | SH | X | |
| ADVANCED MICRO DEVICES INC | COM | 007903107 | 1 | 43 | SH | | X |
| AEGON N V | ORD AMER REG | 007924103 | 41 | 2,769 | SH | X | |
| AEGON N V | ORD AMER REG | 007924103 | 230 | 15,469 | SH | | X |
| AETNA INC NEW | COM | 00817Y108 | 1,121 | 13,014 | SH | X | |
| AETNA INC NEW | COM | 00817Y108 | 774 | 8,984 | SH | | X |
| AFFILIATED COMPUTER SERVICES | CL A | 008190100 | 312 | 5,708 | SH | X | |
| AFFILIATED COMPUTER SERVICES | CL A | 008190100 | 6 | 115 | SH | | X |
| AFFILIATED MANAGERS GROUP | COM | 008252108 | 5,397 | 74,525 | SH | X | |
| AFFILIATED MANAGERS GROUP | COM | 008252108 | 5 | 66 | SH | | X |
| AGILENT TECHNOLOGIES INC | COM | 00846U101 | 1,469 | 44,856 | SH | X | |
| AGILENT TECHNOLOGIES INC | COM | 00846U101 | 139 | 4,245 | SH | | X |
| AIR PRODS & CHEMS INC | COM | 009158106 | 591 | 10,719 | SH | X | |
| AIR PRODS & CHEMS INC | COM | 009158106 | 1,035 | 18,776 | SH | | X |
| AIRGAS INC | COM | 009363102 | 243 | 8,196 | SH | X | |
| AKAMAI TECHNOLOGIES INC | COM | 00971T101 | 4,214 | 264,228 | SH | X | |
| ALBERTO CULVER CO | COM | 013068101 | 304 | 6,803 | SH | X | |
| ALBERTO CULVER CO | COM | 013068101 | 2 | 34 | SH | | X |
| ALBERTSONS INC | COM | 013104104 | 359 | 13,977 | SH | X | |
| ALBERTSONS INC | COM | 013104104 | 69 | 2,688 | SH | | X |
| ALCOA INC | COM | 013817101 | 11,241 | 460,319 | SH | X | |

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| | | | | | | | |
|----------------------------|---------|-----------|--------|------------|--|---|---|
| ALCOA INC | COM | 013817101 | 1,484 | 60,775 SH | | | X |
| ALLEGHENY ENERGY INC | COM | 017361106 | 2,153 | 70,081 SH | | X | |
| ALLEGHENY ENERGY INC | COM | 017361106 | 9 | 290 SH | | | X |
| ALLEGHENY TECHNOLOGIES INC | COM | 01741R102 | 1,450 | 46,790 SH | | X | |
| ALLEGHENY TECHNOLOGIES INC | COM | 01741R102 | 12 | 403 SH | | | X |
| ALLERGAN INC | COM | 018490102 | 1,999 | 21,813 SH | | X | |
| ALLERGAN INC | COM | 018490102 | 4 | 40 SH | | | X |
| ALLETE INC | COM NEW | 018522300 | 179 | 3,916 SH | | X | |
| ALLETE INC | COM NEW | 018522300 | 22 | 486 SH | | | X |
| ALLIANCE DATA SYSTEMS CORP | COM | 018581108 | 2,213 | 56,535 SH | | X | |
| ALLIANT ENERGY CORP | COM | 018802108 | 2,284 | 78,422 SH | | X | |
| ALLIANT ENERGY CORP | COM | 018802108 | 228 | 7,815 SH | | | X |
| ALLSTATE CORP | COM | 020002101 | 2,996 | 54,192 SH | | X | |
| ALLSTATE CORP | COM | 020002101 | 667 | 12,056 SH | | | X |
| ALLTEL CORP | COM | 020039103 | 13,417 | 206,070 SH | | X | |

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (\$X1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|------------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| ALLTEL CORP | COM | 020039103 | 63 | 964 SH | | | X |
| ALTERA CORP | COM | 021441100 | 186 | 9,756 SH | | X | |
| ALTERA CORP | COM | 021441100 | 7 | 348 SH | | | X |
| ALTRIA GROUP INC | COM | 02209S103 | 45,680 | 619,731 SH | | X | |
| ALTRIA GROUP INC | COM | 02209S103 | 13,842 | 187,791 SH | | | X |
| ALUMINA LTD | SPONSORED ADR | 022205108 | 217 | 11,509 SH | | | X |
| AMBAC FINL GROUP INC | COM | 023139108 | 11,903 | 165,182 SH | | X | |
| AMBAC FINL GROUP INC | COM | 023139108 | 14 | 189 SH | | | X |
| AMERADA HESS CORP | COM | 023551104 | 279 | 2,031 SH | | X | |
| AMERADA HESS CORP | COM | 023551104 | 7 | 54 SH | | | X |
| AMEREN CORP | COM | 023608102 | 1,711 | 31,984 SH | | X | |
| AMEREN CORP | COM | 023608102 | 46 | 865 SH | | | X |
| AMCORE FINL INC | COM | 023912108 | 22 | 709 SH | | X | |
| AMCORE FINL INC | COM | 023912108 | 477 | 15,297 SH | | | X |
| AMERICAN EAGLE OUTFITTERS NE | COM | 02553E106 | 729 | 30,965 SH | | X | |
| AMERICAN EAGLE OUTFITTERS NE | COM | 02553E106 | 12 | 530 SH | | | X |
| AMERICAN ECOLOGY CORP | COM NEW | 025533407 | 2,197 | 111,959 SH | | X | |
| AMERICAN ELEC PWR INC | COM | 025537101 | 7,021 | 176,854 SH | | X | |
| AMERICAN ELEC PWR INC | COM | 025537101 | 163 | 4,107 SH | | | X |
| AMERICAN EXPRESS CO | COM | 025816109 | 7,361 | 128,143 SH | | X | |
| AMERICAN EXPRESS CO | COM | 025816109 | 1,339 | 23,310 SH | | | X |
| AMERICAN INTL GROUP INC | COM | 026874107 | 20,210 | 326,185 SH | | X | |
| AMERICAN INTL GROUP INC | COM | 026874107 | 2,779 | 44,844 SH | | | X |
| AMERICAN PWR CONVERSION CORP | COM | 029066107 | 314 | 12,105 SH | | X | |
| AMERICAN PWR CONVERSION CORP | COM | 029066107 | 10 | 385 SH | | | X |
| AMERICAN STD COS INC DEL | COM | 029712106 | 499 | 10,727 SH | | X | |
| AMERICAN STD COS INC DEL | COM | 029712106 | 19 | 408 SH | | | X |
| AMERICAN TOWER CORP | CL A | 029912201 | 1,395 | 55,899 SH | | X | |
| AMERICAN TOWER CORP | CL A | 029912201 | 84 | 3,372 SH | | | X |

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| | | | | | | | |
|------------------------------|---------------|-----------|--------|---------|----|---|---|
| AMERICAN TECHNOLOGY CORP | COM NEW | 030145205 | 51 | 10,000 | SH | | X |
| AMERUS GROUP CO | COM | 03072M108 | 251 | 4,367 | SH | X | |
| AMERUS GROUP CO | COM | 03072M108 | 10 | 173 | SH | | X |
| AMERISOURCEBERGEN CORP | COM | 03073E105 | 25,185 | 325,813 | SH | X | |
| AMERISOURCEBERGEN CORP | COM | 03073E105 | 224 | 2,902 | SH | | X |
| AMES NATL CORP | COM | 031001100 | 1,522 | 55,129 | SH | X | |
| AMETEK INC NEW | COM | 031100100 | 1,347 | 31,341 | SH | X | |
| AMETEK INC NEW | COM | 031100100 | 17 | 400 | SH | | X |
| AMGEN INC | COM | 031162100 | 25,222 | 316,579 | SH | X | |
| AMGEN INC | COM | 031162100 | 3,439 | 43,169 | SH | | X |
| AMPHENOL CORP NEW | CL A | 032095101 | 1,258 | 31,175 | SH | X | |
| AMPHENOL CORP NEW | CL A | 032095101 | 10 | 240 | SH | | X |
| AMSOUTH BANCORPORATION | COM | 032165102 | 5,332 | 211,087 | SH | X | |
| AMSOUTH BANCORPORATION | COM | 032165102 | 31 | 1,235 | SH | | X |
| AMYLIN PHARMACEUTICALS INC | COM | 032346108 | 1,061 | 30,490 | SH | X | |
| ANADARKO PETE CORP | COM | 032511107 | 9,621 | 100,480 | SH | X | |
| ANADARKO PETE CORP | COM | 032511107 | 1,356 | 14,163 | SH | | X |
| ANALOG DEVICES INC | COM | 032654105 | 7,659 | 206,208 | SH | X | |
| ANALOG DEVICES INC | COM | 032654105 | 448 | 12,062 | SH | | X |
| ANCHOR BANCORP WIS INC | COM | 032839102 | 3,208 | 108,823 | SH | X | |
| ANCHOR BANCORP WIS INC | COM | 032839102 | 807 | 27,380 | SH | | X |
| ANGLO AMERN PLC | ADR | 03485P102 | 204 | 6,750 | SH | X | |
| ANGLOGOLD ASHANTI LTD | SPONSORED ADR | 035128206 | 58 | 1,378 | SH | X | |
| ANGLOGOLD ASHANTI LTD | SPONSORED ADR | 035128206 | 378 | 8,907 | SH | | X |
| ANHEUSER BUSCH COS INC | COM | 035229103 | 3,145 | 73,075 | SH | X | |
| ANHEUSER BUSCH COS INC | COM | 035229103 | 1,724 | 40,056 | SH | | X |
| AON CORP | COM | 037389103 | 303 | 9,438 | SH | X | |
| AON CORP | COM | 037389103 | 83 | 2,583 | SH | | X |
| APACHE CORP | COM | 037411105 | 3,163 | 42,045 | SH | X | |
| APACHE CORP | COM | 037411105 | 133 | 1,766 | SH | | X |
| APARTMENT INVT & MGMT CO | CL A | 03748R101 | 1,440 | 37,121 | SH | X | |
| APARTMENT INVT & MGMT CO | CL A | 03748R101 | 31 | 787 | SH | | X |
| APOLLO GROUP INC | CL A | 037604105 | 596 | 8,970 | SH | X | |
| APOLLO GROUP INC | CL A | 037604105 | 8 | 128 | SH | | X |
| APPLE COMPUTER INC | COM | 037833100 | 8,931 | 166,585 | SH | X | |
| APPLE COMPUTER INC | COM | 037833100 | 124 | 2,315 | SH | | X |
| APRIA HEALTHCARE GROUP INC | COM | 037933108 | 12,909 | 404,555 | SH | X | |
| APPLIED MATLS INC | COM | 038222105 | 6,682 | 393,967 | SH | X | |
| APPLIED MATLS INC | COM | 038222105 | 657 | 38,738 | SH | | X |
| ARCHER DANIELS MIDLAND CO | COM | 039483102 | 7,623 | 309,117 | SH | X | |
| ARCHER DANIELS MIDLAND CO | COM | 039483102 | 60 | 2,431 | SH | | X |
| ARM HLDGS PLC | SPONSORED ADR | 042068106 | 127 | 20,200 | SH | X | |
| ARRIS GROUP INC | COM | 04269Q100 | 4,534 | 382,322 | SH | X | |
| ARVINMERITOR INC | COM | 043353101 | 477 | 28,547 | SH | X | |
| ARVINMERITOR INC | COM | 043353101 | 1 | 49 | SH | | X |
| ASHLAND INC NEW | COM | 044209104 | 1,444 | 26,133 | SH | X | |
| ASHLAND INC NEW | COM | 044209104 | 48 | 865 | SH | | X |
| ASSOCIATED BANC CORP | COM | 045487105 | 7,593 | 249,107 | SH | X | |
| ASSOCIATED BANC CORP | COM | 045487105 | 2,956 | 96,985 | SH | | X |
| ATRICURE INC | COM | 04963C209 | 868 | 62,470 | SH | X | |
| AUTODESK INC | COM | 052769106 | 7,468 | 160,809 | SH | X | |
| AUTODESK INC | COM | 052769106 | 62 | 1,327 | SH | | X |
| AUTOMATIC DATA PROCESSING IN | COM | 053015103 | 840 | 19,509 | SH | X | |
| AUTOMATIC DATA PROCESSING IN | COM | 053015103 | 477 | 11,084 | SH | | X |
| AUTOZONE INC | COM | 053332102 | 346 | 4,160 | SH | X | |
| AUTOZONE INC | COM | 053332102 | 25 | 301 | SH | | X |
| AVAYA INC | COM | 053499109 | 348 | 33,796 | SH | X | |
| AVAYA INC | COM | 053499109 | 9 | 853 | SH | | X |
| AVERY DENNISON CORP | COM | 053611109 | 93 | 1,771 | SH | X | |
| AVERY DENNISON CORP | COM | 053611109 | 108 | 2,070 | SH | | X |

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AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|------------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| AVON PRODS INC | COM | 054303102 | 1,886 | 69,855 SH | X | | |
| AVON PRODS INC | COM | 054303102 | 30 | 1,128 SH | | | X |
| BB&T CORP | COM | 054937107 | 7,809 | 199,972 SH | X | | |
| BB&T CORP | COM | 054937107 | 75 | 1,916 SH | | | X |
| BJ SVCS CO | COM | 055482103 | 1,965 | 54,596 SH | X | | |
| BJ SVCS CO | COM | 055482103 | 7 | 200 SH | | | X |
| BP PLC | SPONSORED ADR | 055622104 | 12,330 | 174,031 SH | X | | |
| BP PLC | SPONSORED ADR | 055622104 | 5,210 | 73,538 SH | | | X |
| BADGER METER INC | COM | 056525108 | 22,642 | 575,536 SH | X | | |
| BADGER METER INC | COM | 056525108 | 480 | 12,200 SH | | | X |
| BAKER HUGHES INC | COM | 057224107 | 1,611 | 26,986 SH | X | | |
| BAKER HUGHES INC | COM | 057224107 | 19 | 325 SH | | | X |
| BALL CORP | COM | 058498106 | 1,226 | 33,378 SH | X | | |
| BALL CORP | COM | 058498106 | 17 | 471 SH | | | X |
| BANCO SANTANDER CENT HISPANO | ADR | 05964H105 | 152 | 11,550 SH | X | | |
| BANK OF AMERICA CORPORATION | COM | 060505104 | 37,461 | 889,800 SH | X | | |
| BANK OF AMERICA CORPORATION | COM | 060505104 | 3,099 | 73,614 SH | | | X |
| BANK MUTUAL CORP NEW | COM | 063750103 | 277 | 25,801 SH | X | | |
| BANK MUTUAL CORP NEW | COM | 063750103 | 189 | 17,668 SH | | | X |
| BANK NEW YORK INC | COM | 064057102 | 6,048 | 205,628 SH | X | | |
| BANK NEW YORK INC | COM | 064057102 | 429 | 14,590 SH | | | X |
| BANTA CORP | COM | 066821109 | 258 | 5,061 SH | X | | |
| BANTA CORP | COM | 066821109 | 51 | 1,000 SH | | | X |
| BARD C R INC | COM | 067383109 | 746 | 11,302 SH | X | | |
| BARD C R INC | COM | 067383109 | 1,459 | 22,100 SH | | | X |
| BARRICK GOLD CORP | COM | 067901108 | 533 | 18,337 SH | | | X |
| BAUSCH & LOMB INC | COM | 071707103 | 11,412 | 141,442 SH | X | | |
| BAUSCH & LOMB INC | COM | 071707103 | 6 | 77 SH | | | X |
| BAXTER INTL INC | COM | 071813109 | 8,347 | 209,359 SH | X | | |
| BAXTER INTL INC | COM | 071813109 | 652 | 16,355 SH | | | X |
| BE AEROSPACE INC | COM | 073302101 | 2,587 | 156,121 SH | X | | |
| BEAR STEARNS COS INC | COM | 073902108 | 7,542 | 68,723 SH | X | | |
| BEAR STEARNS COS INC | COM | 073902108 | 14 | 125 SH | | | X |
| BECTON DICKINSON & CO | COM | 075887109 | 345 | 6,588 SH | X | | |
| BECTON DICKINSON & CO | COM | 075887109 | 6 | 108 SH | | | X |
| BED BATH & BEYOND INC | COM | 075896100 | 450 | 11,205 SH | X | | |
| BED BATH & BEYOND INC | COM | 075896100 | 280 | 6,959 SH | | | X |
| BELLSOUTH CORP | COM | 079860102 | 13,129 | 499,203 SH | X | | |
| BELLSOUTH CORP | COM | 079860102 | 1,485 | 56,476 SH | | | X |
| BEMIS INC | COM | 081437105 | 248 | 10,029 SH | X | | |
| BEMIS INC | COM | 081437105 | 5 | 200 SH | | | X |
| BERKLEY W R CORP | COM | 084423102 | 6,542 | 165,708 SH | X | | |
| BERKLEY W R CORP | COM | 084423102 | 18 | 460 SH | | | X |
| BERKSHIRE HATHAWAY INC DEL | CL A | 084670108 | 1,066 | 13 SH | X | | |
| BERKSHIRE HATHAWAY INC DEL | CL A | 084670108 | 1,148 | 14 SH | | | X |
| BERKSHIRE HATHAWAY INC DEL | CL B | 084670207 | 1,729 | 633 SH | X | | |

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| | | | | | | | |
|------------------------------|------|-----------|--------|---------|----|---|---|
| BERKSHIRE HATHAWAY INC DEL | CL B | 084670207 | 1,071 | 392 | SH | | X |
| BEST BUY INC | COM | 086516101 | 9,172 | 210,710 | SH | X | |
| BEST BUY INC | COM | 086516101 | 1,790 | 41,110 | SH | | X |
| BIG LOTS INC | COM | 089302103 | 154 | 14,000 | SH | X | |
| BIOMET INC | COM | 090613100 | 714 | 20,581 | SH | X | |
| BIOMET INC | COM | 090613100 | 85 | 2,436 | SH | | X |
| BLACK & DECKER CORP | COM | 091797100 | 545 | 6,633 | SH | X | |
| BLACK & DECKER CORP | COM | 091797100 | 11 | 133 | SH | | X |
| BLACKROCK FLA INSD MUN | | 09247H106 | 182 | 11,954 | SH | X | |
| BLOCK H & R INC | COM | 093671105 | 2,148 | 89,563 | SH | X | |
| BLOCK H & R INC | COM | 093671105 | 73 | 3,042 | SH | | X |
| BOEING CO | COM | 097023105 | 10,220 | 150,399 | SH | X | |
| BOEING CO | COM | 097023105 | 932 | 13,722 | SH | | X |
| BORG WARNER INC | COM | 099724106 | 547 | 9,682 | SH | X | |
| BORG WARNER INC | COM | 099724106 | 10 | 170 | SH | | X |
| BOSTON SCIENTIFIC CORP | COM | 101137107 | 537 | 22,963 | SH | X | |
| BOSTON SCIENTIFIC CORP | COM | 101137107 | 45 | 1,943 | SH | | X |
| BOTTOMLINE TECH DEL INC | COM | 101388106 | 1,571 | 104,141 | SH | X | |
| BRADY CORP | CL A | 104674106 | 107 | 3,469 | SH | X | |
| BRADY CORP | CL A | 104674106 | 1,603 | 51,800 | SH | | X |
| BRIGGS & STRATTON CORP | COM | 109043109 | 179 | 5,162 | SH | X | |
| BRIGGS & STRATTON CORP | COM | 109043109 | 235 | 6,800 | SH | | X |
| BRISTOL MYERS SQUIBB CO | COM | 110122108 | 15,107 | 627,888 | SH | X | |
| BRISTOL MYERS SQUIBB CO | COM | 110122108 | 1,857 | 77,181 | SH | | X |
| BROADCOM CORP | CL A | 111320107 | 2,712 | 57,795 | SH | X | |
| BROADCOM CORP | CL A | 111320107 | 1 | 24 | SH | | X |
| BROWN FORMAN CORP | CL B | 115637209 | 4,642 | 77,958 | SH | X | |
| BROWN FORMAN CORP | CL B | 115637209 | 5 | 90 | SH | | X |
| BRUNSWICK CORP | COM | 117043109 | 9,309 | 246,735 | SH | X | |
| BRUNSWICK CORP | COM | 117043109 | 14 | 362 | SH | | X |
| BURLINGTON NORTHN SANTA FE C | COM | 12189T104 | 4,964 | 83,007 | SH | X | |
| BURLINGTON NORTHN SANTA FE C | COM | 12189T104 | 620 | 10,375 | SH | | X |
| BURLINGTON RES INC | COM | 122014103 | 1,169 | 14,371 | SH | X | |
| BURLINGTON RES INC | COM | 122014103 | 832 | 10,234 | SH | | X |
| CB RICHARD ELLIS GROUP INC | CL A | 12497T101 | 3,050 | 61,990 | SH | X | |
| CB RICHARD ELLIS GROUP INC | CL A | 12497T101 | 10 | 200 | SH | | X |
| C H ROBINSON WORLDWIDE INC | COM | 12541W100 | 1,139 | 17,767 | SH | X | |
| CIGNA CORP | COM | 125509109 | 951 | 8,072 | SH | X | |
| CIGNA CORP | COM | 125509109 | 80 | 676 | SH | | X |
| CIT GROUP INC | COM | 125581108 | 3,389 | 75,011 | SH | X | |
| CMS ENERGY CORP | COM | 125896100 | 2,763 | 167,977 | SH | X | |
| CSX CORP | COM | 126408103 | 8,378 | 180,259 | SH | X | |
| CSX CORP | COM | 126408103 | 24 | 516 | SH | | X |

REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|----------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| CVS CORP | COM | 126650100 | 3,043 | 104,895 SH | X | | |

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| | | | | | | | |
|--|---------------|-----------|--------|-----------|----|---|---|
| CVS CORP | COM | 126650100 | 188 | 6,471 | SH | | X |
| CV THERAPEUTICS INC | COM | 126667104 | 1,672 | 62,517 | SH | X | |
| CADENCE DESIGN SYSTEM INC | COM | 127387108 | 6,872 | 425,220 | SH | X | |
| CAMECO CORP | COM | 13321L108 | 305 | 5,700 | SH | X | |
| CAMECO CORP | COM | 13321L108 | 40 | 740 | SH | | X |
| CAMPBELL SOUP CO | COM | 134429109 | 435 | 14,614 | SH | X | |
| CAMPBELL SOUP CO | COM | 134429109 | 12 | 398 | SH | | X |
| CANADIAN NAT RES LTD | COM | 136385101 | 429 | 9,485 | SH | X | |
| CANADIAN NAT RES LTD | COM | 136385101 | 7 | 156 | SH | | X |
| CAPITAL ONE FINL CORP | COM | 14040H105 | 1,403 | 17,643 | SH | X | |
| CAPITAL ONE FINL CORP | COM | 14040H105 | 18 | 226 | SH | | X |
| CARDINAL HEALTH INC | COM | 14149Y108 | 4,124 | 64,999 | SH | X | |
| CARDINAL HEALTH INC | COM | 14149Y108 | 256 | 4,029 | SH | | X |
| CAREER EDUCATION CORP | COM | 141665109 | 1,656 | 46,565 | SH | X | |
| CAREMARK RX INC | COM | 141705103 | 2,569 | 51,445 | SH | X | |
| CAREMARK RX INC | COM | 141705103 | 56 | 1,127 | SH | | X |
| CARMAX INC | COM | 143130102 | 1,109 | 35,480 | SH | X | |
| CARNIVAL CORP | PAIRED CTF | 143658300 | 1,513 | 30,263 | SH | X | |
| CARNIVAL CORP | PAIRED CTF | 143658300 | 393 | 7,873 | SH | | X |
| CATERPILLAR INC DEL | COM | 149123101 | 16,371 | 278,649 | SH | X | |
| CATERPILLAR INC DEL | COM | 149123101 | 3,264 | 55,562 | SH | | X |
| CELGENE CORP | COM | 151020104 | 973 | 17,921 | SH | X | |
| CELGENE CORP | COM | 151020104 | 18 | 325 | SH | | X |
| CENDANT CORP | COM | 151313103 | 1,351 | 65,442 | SH | X | |
| CENDANT CORP | COM | 151313103 | 18 | 870 | SH | | X |
| CENTENE CORP DEL | COM | 15135B101 | 2,829 | 113,038 | SH | X | |
| CENTENE CORP DEL | COM | 15135B101 | 5 | 184 | SH | | X |
| CENTERPOINT ENERGY INC | COM | 15189T107 | 410 | 27,543 | SH | X | |
| CENTERPOINT ENERGY INC | COM | 15189T107 | 9 | 619 | SH | | X |
| CENTEX CORP | COM | 152312104 | 346 | 5,361 | SH | X | |
| CENTEX CORP | COM | 152312104 | 10 | 156 | SH | | X |
| CENTRAL EUROPEAN DIST CORP | COM | 153435102 | 1,774 | 41,661 | SH | X | |
| CEPHALON INC | COM | 156708109 | 1,057 | 22,771 | SH | X | |
| CEPHALON INC | COM | 156708109 | 10 | 210 | SH | | X |
| CHARLES & COLVARD LTD | COM | 159765106 | 2,859 | 114,543 | SH | X | |
| CHARMING SHOPPES INC | COM | 161133103 | 1,247 | 116,867 | SH | X | |
| CHECKPOINT SYS INC | COM | 162825103 | 382 | 16,108 | SH | X | |
| CHEMICAL FINL CORP | COM | 163731102 | 267 | 8,205 | SH | | X |
| CHESAPEAKE ENERGY CORP | COM | 165167107 | 3,913 | 102,299 | SH | X | |
| CHESAPEAKE ENERGY CORP | COM | 165167107 | 130 | 3,400 | SH | | X |
| CHEVRON CORP NEW | COM | 166764100 | 50,613 | 781,903 | SH | X | |
| CHEVRON CORP NEW | COM | 166764100 | 4,747 | 73,328 | SH | | X |
| CHICAGO BRIDGE & IRON CO N V N Y REGISTRY SH | | 167250109 | 2,395 | 77,029 | SH | X | |
| CHICAGO BRIDGE & IRON CO N V N Y REGISTRY SH | | 167250109 | 6 | 200 | SH | | X |
| CHICAGO MERCANTILE HLDGS INC CL A | | 167760107 | 1,045 | 3,099 | SH | X | |
| CHICAGO MERCANTILE HLDGS INC CL A | | 167760107 | 17 | 50 | SH | | X |
| CHICOS FAS INC | COM | 168615102 | 3,040 | 82,615 | SH | X | |
| CHICOS FAS INC | COM | 168615102 | 7 | 200 | SH | | X |
| CHUBB CORP | COM | 171232101 | 14,515 | 162,092 | SH | X | |
| CHUBB CORP | COM | 171232101 | 468 | 5,221 | SH | | X |
| CHUNGHWA TELECOM CO LTD | SPONSORED ADR | 17133Q205 | 358 | 19,335 | SH | | X |
| CINCINNATI FINL CORP | COM | 172062101 | 4,720 | 112,680 | SH | X | |
| CINCINNATI FINL CORP | COM | 172062101 | 41 | 968 | SH | | X |
| CINERGY CORP | COM | 172474108 | 7,096 | 159,784 | SH | X | |
| CINERGY CORP | COM | 172474108 | 68 | 1,524 | SH | | X |
| CISCO SYS INC | COM | 17275R102 | 12,343 | 688,791 | SH | X | |
| CISCO SYS INC | COM | 17275R102 | 1,721 | 96,039 | SH | | X |
| CIRRUS LOGIC INC | COM | 172755100 | 1,581 | 208,285 | SH | X | |
| CINTAS CORP | COM | 172908105 | 440 | 10,707 | SH | X | |
| CINTAS CORP | COM | 172908105 | 123 | 2,997 | SH | | X |
| CITIGROUP INC | COM | 172967101 | 59,007 | 1,296,286 | SH | X | |
| CITIGROUP INC | COM | 172967101 | 4,769 | 104,761 | SH | | X |

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| | | | | | | | |
|------------------------------|----------|-----------|--------|-----------|----|---|---|
| CITIZENS COMMUNICATIONS CO | COM | 17453B101 | 16,423 | 1,212,045 | SH | X | |
| CITIZENS COMMUNICATIONS CO | COM | 17453B101 | 29 | 2,120 | SH | | X |
| CITRIX SYS INC | COM | 177376100 | 590 | 23,458 | SH | X | |
| CITRIX SYS INC | COM | 177376100 | 8 | 329 | SH | | X |
| CLARCOR INC | COM | 179895107 | 23 | 790 | SH | X | |
| CLARCOR INC | COM | 179895107 | 402 | 14,000 | SH | | X |
| CLEAR CHANNEL COMMUNICATIONS | COM | 184502102 | 12,110 | 368,205 | SH | X | |
| CLEAR CHANNEL COMMUNICATIONS | COM | 184502102 | 18 | 546 | SH | | X |
| CLOROX CO DEL | COM | 189054109 | 3,488 | 62,808 | SH | X | |
| CLOROX CO DEL | COM | 189054109 | 80 | 1,440 | SH | | X |
| COACH INC | COM | 189754104 | 3,551 | 113,242 | SH | X | |
| COACH INC | COM | 189754104 | 13 | 407 | SH | | X |
| COCA COLA CO | COM | 191216100 | 17,887 | 414,145 | SH | X | |
| COCA COLA CO | COM | 191216100 | 3,492 | 80,860 | SH | | X |
| COCA COLA ENTERPRISES INC | COM | 191219104 | 9,993 | 512,449 | SH | X | |
| COCA COLA ENTERPRISES INC | COM | 191219104 | 3 | 137 | SH | | X |
| COGNIZANT TECHNOLOGY SOLUTIO | CL A | 192446102 | 1,477 | 31,696 | SH | X | |
| COGNIZANT TECHNOLOGY SOLUTIO | CL A | 192446102 | 15 | 325 | SH | | X |
| COLDWATER CREEK INC | COM | 193068103 | 2,597 | 102,986 | SH | X | |
| COLGATE PALMOLIVE CO | COM | 194162103 | 9,769 | 185,049 | SH | X | |
| COLGATE PALMOLIVE CO | COM | 194162103 | 1,977 | 37,443 | SH | | X |
| COMCAST CORP NEW | CL A | 20030N101 | 8,676 | 295,319 | SH | X | |
| COMCAST CORP NEW | CL A | 20030N101 | 276 | 9,408 | SH | | X |
| COMCAST CORP NEW | CL A SPL | 20030N200 | 61 | 2,129 | SH | X | |
| COMCAST CORP NEW | CL A SPL | 20030N200 | 431 | 14,965 | SH | | X |
| COMERICA INC | COM | 200340107 | 3,064 | 52,020 | SH | X | |

REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|------------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| COMERICA INC | COM | 200340107 | 155 | 2,626 | SH | | X |
| COMMERCE BANCSHARES INC | COM | 200525103 | 309 | 6,000 | SH | X | |
| COMMERCE BANCSHARES INC | COM | 200525103 | 27 | 532 | SH | | X |
| COMMERCE GROUP INC MASS | COM | 200641108 | 214 | 3,690 | SH | | X |
| COMMUNITY HEALTH SYS INC NEW | COM | 203668108 | 11,054 | 284,813 | SH | X | |
| COMMUNITY HEALTH SYS INC NEW | COM | 203668108 | 15 | 375 | SH | | X |
| COMPASS BANCSHARES INC | COM | 20449H109 | 1,418 | 30,946 | SH | X | |
| COMPASS BANCSHARES INC | COM | 20449H109 | 29 | 641 | SH | | X |
| COMPUTER ASSOC INTL INC | COM | 204912109 | 173 | 6,215 | SH | X | |
| COMPUTER ASSOC INTL INC | COM | 204912109 | 130 | 4,689 | SH | | X |
| COMPUTER SCIENCES CORP | COM | 205363104 | 13,495 | 285,241 | SH | X | |
| COMPUTER SCIENCES CORP | COM | 205363104 | 8 | 170 | SH | | X |
| COMPUWARE CORP | COM | 205638109 | 2,067 | 217,540 | SH | X | |
| COMVERSE TECHNOLOGY INC | COM PAR \$0.10 | 205862402 | 2,639 | 100,451 | SH | X | |
| COMVERSE TECHNOLOGY INC | COM PAR \$0.10 | 205862402 | 118 | 4,505 | SH | | X |
| CONAGRA FOODS INC | COM | 205887102 | 2,084 | 84,210 | SH | X | |
| CONAGRA FOODS INC | COM | 205887102 | 81 | 3,276 | SH | | X |
| CONOCOPHILLIPS | COM | 20825C104 | 18,808 | 269,036 | SH | X | |

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| | | | | | | | |
|------------------------------|---------------|-----------|--------|-----------|----|---|---|
| CONOCOPHILLIPS | COM | 20825C104 | 423 | 6,056 | SH | | X |
| CONSOLIDATED EDISON INC | COM | 209115104 | 2,046 | 42,138 | SH | X | |
| CONSOLIDATED EDISON INC | COM | 209115104 | 140 | 2,879 | SH | | X |
| CONSTELLATION ENERGY GROUP I | COM | 210371100 | 17,123 | 277,964 | SH | X | |
| CONSTELLATION ENERGY GROUP I | COM | 210371100 | 16 | 256 | SH | | X |
| CONTANGO OIL & GAS COMPANY | COM NEW | 21075N204 | 2,257 | 187,479 | SH | X | |
| CONVERGYS CORP | COM | 212485106 | 9,013 | 627,213 | SH | X | |
| CORNING INC | COM | 219350105 | 2,354 | 121,776 | SH | X | |
| CORNING INC | COM | 219350105 | 91 | 4,685 | SH | | X |
| COSTCO WHSL CORP NEW | COM | 22160K105 | 569 | 13,201 | SH | X | |
| COSTCO WHSL CORP NEW | COM | 22160K105 | 285 | 6,614 | SH | | X |
| COSTAR GROUP INC | COM | 22160N109 | 1,215 | 26,014 | SH | X | |
| COUNTRYWIDE FINANCIAL CORP | COM | 222372104 | 2,289 | 69,411 | SH | X | |
| COUNTRYWIDE FINANCIAL CORP | COM | 222372104 | 148 | 4,490 | SH | | X |
| COVANCE INC | COM | 222816100 | 1,965 | 40,955 | SH | X | |
| COVANCE INC | COM | 222816100 | 18 | 379 | SH | | X |
| COVENTRY HEALTH CARE INC | COM | 222862104 | 180 | 2,095 | SH | X | |
| COVENTRY HEALTH CARE INC | COM | 222862104 | 34 | 395 | SH | | X |
| CREE INC | COM | 225447101 | 1,515 | 60,556 | SH | X | |
| CREE INC | COM | 225447101 | 15 | 600 | SH | | X |
| CUMMINS INC | COM | 231021106 | 1,958 | 22,257 | SH | X | |
| CUMMINS INC | COM | 231021106 | 12 | 139 | SH | | X |
| CUTERA INC | COM | 232109108 | 1,892 | 72,939 | SH | X | |
| CYBERONICS INC | COM | 23251P102 | 682 | 22,847 | SH | X | |
| CYTYC CORP | COM | 232946103 | 2,484 | 92,526 | SH | X | |
| DNP SELECT INCOME FD INC | | 23325P104 | 741 | 63,994 | SH | X | |
| DNP SELECT INCOME FD INC | | 23325P104 | 35 | 3,000 | SH | | X |
| D R HORTON INC | COM | 23331A109 | 1,108 | 30,584 | SH | X | |
| DTE ENERGY CO | COM | 233331107 | 217 | 4,731 | SH | X | |
| DTE ENERGY CO | COM | 233331107 | 19 | 405 | SH | | X |
| DANAHER CORP DEL | COM | 235851102 | 496 | 9,207 | SH | X | |
| DANAHER CORP DEL | COM | 235851102 | 12 | 226 | SH | | X |
| DEAN FOODS CO NEW | COM | 242370104 | 248 | 6,372 | SH | X | |
| DEAN FOODS CO NEW | COM | 242370104 | 23 | 587 | SH | | X |
| DEERE & CO | COM | 244199105 | 308 | 5,034 | SH | X | |
| DEERE & CO | COM | 244199105 | 208 | 3,393 | SH | | X |
| DEL MONTE FOODS CO | COM | 24522P103 | 11,515 | 1,073,152 | SH | X | |
| DELL INC | COM | 24702R101 | 13,121 | 383,661 | SH | X | |
| DELL INC | COM | 24702R101 | 2,086 | 60,995 | SH | | X |
| DENBURY RES INC | COM NEW | 247916208 | 2,950 | 58,476 | SH | X | |
| DENTSPLY INTL INC NEW | COM | 249030107 | 158 | 2,932 | SH | X | |
| DENTSPLY INTL INC NEW | COM | 249030107 | 43 | 800 | SH | | X |
| DESARROLLADORA HOMEX S A DE | SPONSORED ADR | 25030W100 | 2,696 | 87,794 | SH | X | |
| DEVON ENERGY CORP NEW | COM | 25179M103 | 2,184 | 31,817 | SH | X | |
| DEVON ENERGY CORP NEW | COM | 25179M103 | 117 | 1,703 | SH | | X |
| DEXCOM INC | COM | 252131107 | 846 | 72,831 | SH | X | |
| DIEBOLD INC | COM | 253651103 | 25 | 729 | SH | X | |
| DIEBOLD INC | COM | 253651103 | 214 | 6,200 | SH | | X |
| DIGITAL INSIGHT CORP | COM | 25385P106 | 1,357 | 52,077 | SH | X | |
| DIGITAL INSIGHT CORP | COM | 25385P106 | 7 | 268 | SH | | X |
| DISNEY WALT CO | COM DISNEY | 254687106 | 11,229 | 465,353 | SH | X | |
| DISNEY WALT CO | COM DISNEY | 254687106 | 1,287 | 53,336 | SH | | X |
| DOLLAR GEN CORP | COM | 256669102 | 1,127 | 61,427 | SH | X | |
| DOLLAR GEN CORP | COM | 256669102 | 20 | 1,066 | SH | | X |
| DOMINION RES INC VA NEW | COM | 25746U109 | 5,462 | 63,406 | SH | X | |
| DOMINION RES INC VA NEW | COM | 25746U109 | 159 | 1,849 | SH | | X |
| DONNELLEY R R & SONS CO | COM | 257867101 | 17,199 | 463,973 | SH | X | |
| DONNELLEY R R & SONS CO | COM | 257867101 | 63 | 1,708 | SH | | X |
| DOVER CORP | COM | 260003108 | 128 | 3,148 | SH | X | |
| DOVER CORP | COM | 260003108 | 288 | 7,055 | SH | | X |
| DOW CHEM CO | COM | 260543103 | 14,227 | 341,411 | SH | X | |
| DOW CHEM CO | COM | 260543103 | 769 | 18,447 | SH | | X |

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| | | | | | | |
|------------------------------|---------------|-----------|-------|------------|---|---|
| DOW JONES & CO INC | COM | 260561105 | 690 | 18,059 SH | X | |
| DOW JONES & CO INC | COM | 260561105 | 19 | 498 SH | | X |
| DU PONT E I DE NEMOURS & CO | COM | 263534109 | 9,060 | 231,292 SH | X | |
| DU PONT E I DE NEMOURS & CO | COM | 263534109 | 1,134 | 28,963 SH | | X |
| DUKE ENERGY CORP | COM | 264399106 | 6,848 | 234,758 SH | X | |
| DUKE ENERGY CORP | COM | 264399106 | 232 | 7,937 SH | | X |
| DUN & BRADSTREET CORP DEL NE | COM | 26483E100 | 251 | 3,811 SH | X | |
| EDP ENERGIAS DE PORTUGAL S A | SPONSORED ADR | 268353109 | 339 | 12,168 SH | | X |
| E M C CORP MASS | COM | 268648102 | 735 | 56,766 SH | X | |

REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|------------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| E M C CORP MASS | COM | 268648102 | 28 | 2,160 SH | | | X |
| ENSCO INTL INC | COM | 26874Q100 | 10,469 | 224,712 SH | X | | |
| ENSCO INTL INC | COM | 26874Q100 | 1,050 | 22,529 SH | | | X |
| ENI S P A | SPONSORED ADR | 26874R108 | 4 | 30 SH | X | | |
| ENI S P A | SPONSORED ADR | 26874R108 | 350 | 2,361 SH | | | X |
| EOG RES INC | COM | 26875P101 | 3,014 | 40,246 SH | X | | |
| EOG RES INC | COM | 26875P101 | 90 | 1,200 SH | | | X |
| E TRADE FINANCIAL CORP | COM | 269246104 | 269 | 15,298 SH | X | | |
| E TRADE FINANCIAL CORP | COM | 269246104 | 5 | 274 SH | | | X |
| EASTMAN CHEM CO | COM | 277432100 | 2,019 | 42,976 SH | X | | |
| EASTMAN CHEM CO | COM | 277432100 | 35 | 753 SH | | | X |
| EASTMAN KODAK CO | COM | 277461109 | 2,176 | 89,428 SH | X | | |
| EASTMAN KODAK CO | COM | 277461109 | 6 | 239 SH | | | X |
| EATON CORP | COM | 278058102 | 457 | 7,188 SH | X | | |
| EATON CORP | COM | 278058102 | 391 | 6,150 SH | | | X |
| EATON VANCE LTD DURATION | | 27828H105 | 288 | 16,770 SH | X | | |
| EBAY INC | COM | 278642103 | 1,489 | 36,139 SH | X | | |
| EBAY INC | COM | 278642103 | 275 | 6,680 SH | | | X |
| ECOLAB INC | COM | 278865100 | 921 | 28,830 SH | X | | |
| ECOLAB INC | COM | 278865100 | 336 | 10,509 SH | | | X |
| EDISON INTL | COM | 281020107 | 2,820 | 59,636 SH | X | | |
| EDISON INTL | COM | 281020107 | 95 | 2,016 SH | | | X |
| EDWARDS LIFESCIENCES CORP | COM | 28176E108 | 862 | 19,403 SH | X | | |
| EDWARDS LIFESCIENCES CORP | COM | 28176E108 | 38 | 845 SH | | | X |
| EDWARDS AG INC | COM | 281760108 | 1,203 | 27,463 SH | X | | |
| ELECTRONIC ARTS INC | COM | 285512109 | 3,841 | 67,514 SH | X | | |
| ELECTRONIC ARTS INC | COM | 285512109 | 230 | 4,046 SH | | | X |
| EMAGEON INC | COM | 29076V109 | 1,129 | 83,236 SH | X | | |
| EMERSON ELEC CO | COM | 291011104 | 4,930 | 68,663 SH | X | | |
| EMERSON ELEC CO | COM | 291011104 | 3,143 | 43,772 SH | | | X |
| ENBRIDGE ENERGY PARTNERS L P | COM | 29250R106 | 252 | 4,536 SH | X | | |
| ENBRIDGE ENERGY PARTNERS L P | COM | 29250R106 | 6 | 100 SH | | | X |
| ENCANA CORP | COM | 292505104 | 47 | 800 SH | X | | |
| ENCANA CORP | COM | 292505104 | 224 | 3,841 SH | | | X |
| ENCYSIVE PHARMACEUTICALS INC | COM | 29256X107 | 796 | 67,546 SH | X | | |

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| | | | | | | | |
|------------------------------|----------------|-----------|--------|-----------|----|---|---|
| ENDEAVOUR INTL CORP | COM | 29259G101 | 1,172 | 234,306 | SH | X | |
| ENERGY EAST CORP | COM | 29266M109 | 1,522 | 60,430 | SH | X | |
| ENERGY EAST CORP | COM | 29266M109 | 71 | 2,823 | SH | | X |
| ENERGIZER HLDGS INC | COM | 29266R108 | 136 | 2,396 | SH | X | |
| ENERGIZER HLDGS INC | COM | 29266R108 | 76 | 1,343 | SH | | X |
| ENGINEERED SUPPORT SYS INC | COM | 292866100 | 226 | 5,519 | SH | X | |
| ENGINEERED SUPPORT SYS INC | COM | 292866100 | 46 | 1,125 | SH | | X |
| ENTRUST INC | COM | 293848107 | 1,195 | 213,477 | SH | X | |
| EQUIFAX INC | COM | 294429105 | 447 | 12,801 | SH | X | |
| EQUIFAX INC | COM | 294429105 | 16 | 463 | SH | | X |
| EQUITY OFFICE PROPERTIES TRU | COM | 294741103 | 2,093 | 63,993 | SH | X | |
| EQUITY OFFICE PROPERTIES TRU | COM | 294741103 | 78 | 2,384 | SH | | X |
| EQUITY RESIDENTIAL | SH BEN INT | 29476L107 | 1,807 | 47,729 | SH | X | |
| EQUITY RESIDENTIAL | SH BEN INT | 29476L107 | 41 | 1,080 | SH | | X |
| ERICSSON L M TEL CO | ADR B SEK 10 | 294821608 | 6,524 | 177,088 | SH | X | |
| ERICSSON L M TEL CO | ADR B SEK 10 | 294821608 | 545 | 14,800 | SH | | X |
| EXELON CORP | COM | 30161N101 | 6,413 | 119,997 | SH | X | |
| EXELON CORP | COM | 30161N101 | 172 | 3,219 | SH | | X |
| EXPEDITORS INTL WASH INC | COM | 302130109 | 221 | 3,890 | SH | X | |
| EXPLORATION CO | COM NEW | 302133202 | 2,999 | 416,569 | SH | X | |
| EXPRESS SCRIPTS INC | COM | 302182100 | 2,153 | 34,622 | SH | X | |
| EXPRESS SCRIPTS INC | COM | 302182100 | 14 | 230 | SH | | X |
| EXXON MOBIL CORP | COM | 30231G102 | 92,393 | 1,454,097 | SH | X | |
| EXXON MOBIL CORP | COM | 30231G102 | 20,489 | 322,458 | SH | | X |
| FLIR SYS INC | COM | 302445101 | 2,174 | 73,533 | SH | X | |
| FPL GROUP INC | COM | 302571104 | 4,403 | 92,505 | SH | X | |
| FPL GROUP INC | COM | 302571104 | 732 | 15,374 | SH | | X |
| FAIR ISAAC CORP | COM | 303250104 | 2,424 | 54,110 | SH | X | |
| FALCONBRIDGE LTD NEW 2005 | COM | 306104100 | 246 | 9,219 | SH | | X |
| FASTENAL CO | COM | 311900104 | 984 | 16,104 | SH | X | |
| FASTENAL CO | COM | 311900104 | 31 | 500 | SH | | X |
| FEDERAL HOME LN MTG CORP | COM | 313400301 | 13,000 | 230,255 | SH | X | |
| FEDERAL HOME LN MTG CORP | COM | 313400301 | 1,108 | 19,626 | SH | | X |
| FEDERAL NATL MTG ASSN | COM | 313586109 | 2,441 | 54,459 | SH | X | |
| FEDERAL NATL MTG ASSN | COM | 313586109 | 861 | 19,205 | SH | | X |
| FEDERATED DEPT STORES INC DE | COM | 31410H101 | 1,293 | 19,335 | SH | X | |
| FEDERATED DEPT STORES INC DE | COM | 31410H101 | 98 | 1,472 | SH | | X |
| FEDEX CORP | COM | 31428X106 | 4,097 | 47,018 | SH | X | |
| FEDEX CORP | COM | 31428X106 | 624 | 7,159 | SH | | X |
| FIFTH THIRD BANCORP | COM | 316773100 | 4,230 | 115,097 | SH | X | |
| FIFTH THIRD BANCORP | COM | 316773100 | 622 | 16,920 | SH | | X |
| FIRST DATA CORP | COM | 319963104 | 925 | 23,136 | SH | X | |
| FIRST DATA CORP | COM | 319963104 | 395 | 9,881 | SH | | X |
| FIRST HORIZON NATL CORP | COM | 320517105 | 5,605 | 154,201 | SH | X | |
| FIRST HORIZON NATL CORP | COM | 320517105 | 141 | 3,878 | SH | | X |
| 1ST SOURCE CORP | COM | 336901103 | 1,138 | 49,140 | SH | | X |
| FISERV INC | COM | 337738108 | 7,666 | 167,120 | SH | X | |
| FISERV INC | COM | 337738108 | 516 | 11,244 | SH | | X |
| FIRSTENERGY CORP | COM | 337932107 | 2,801 | 53,747 | SH | X | |
| FIRSTENERGY CORP | COM | 337932107 | 62 | 1,194 | SH | | X |
| FISHER SCIENTIFIC INTL INC | COM NEW | 338032204 | 3,117 | 50,235 | SH | X | |
| FISHER SCIENTIFIC INTL INC | COM NEW | 338032204 | 8 | 123 | SH | | X |
| FORD MTR CO DEL | COM PAR \$0.01 | 345370860 | 2,017 | 204,600 | SH | X | |
| FORD MTR CO DEL | COM PAR \$0.01 | 345370860 | 320 | 32,496 | SH | | X |

REPORT PTR289

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

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AS OF 09/30/2005

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | SH/PUT/SOLE PRN CALL (A) | SHR OTH (B) | INVESTMENT DISCR (C) |
|-------------------------------|----------------|-----------|------------------------|-----------------|--------------------------|-------------|----------------------|
| FOREST LABS INC | COM | 345838106 | 1,488 | 38,179 SH | | X | |
| FOREST LABS INC | COM | 345838106 | 425 | 10,910 SH | | | X |
| FORRESTER RESH INC | COM | 346563109 | 1,681 | 80,720 SH | | X | |
| FORTUNE BRANDS INC | COM | 349631101 | 2,987 | 36,721 SH | | X | |
| FORTUNE BRANDS INC | COM | 349631101 | 383 | 4,714 SH | | | X |
| FRANKLIN RES INC | COM | 354613101 | 317 | 3,770 SH | | X | |
| FRANKLIN RES INC | COM | 354613101 | 157 | 1,865 SH | | | X |
| FRANKLIN TEMPLETON LTD | | 35472T101 | 132 | 10,000 SH | | X | |
| FREEPOR-T-MCMORAN COPPER & GO | CL B | 35671D857 | 2,212 | 45,528 SH | | X | |
| FREEPOR-T-MCMORAN COPPER & GO | CL B | 35671D857 | 27 | 548 SH | | | X |
| FREESCALE SEMICONDUCTOR INC | CL B | 35687M206 | 6,933 | 294,023 SH | | X | |
| FREESCALE SEMICONDUCTOR INC | CL B | 35687M206 | 36 | 1,512 SH | | | X |
| FREIGHTCAR AMER INC | COM | 357023100 | 1,487 | 36,467 SH | | X | |
| FUJI PHOTO FILM LTD | ADR | 359586302 | 306 | 9,233 SH | | | X |
| FURNITURE BRANDS INTL INC | COM | 360921100 | 11,458 | 635,482 SH | | X | |
| GALLAHER GROUP PLC | SPONSORED ADR | 363595109 | 324 | 5,220 SH | | X | |
| GALLAHER GROUP PLC | SPONSORED ADR | 363595109 | 50 | 800 SH | | | X |
| GANNETT INC | COM | 364730101 | 7,059 | 102,555 SH | | X | |
| GANNETT INC | COM | 364730101 | 726 | 10,545 SH | | | X |
| GAP INC DEL | COM | 364760108 | 875 | 50,196 SH | | X | |
| GAP INC DEL | COM | 364760108 | 512 | 29,391 SH | | | X |
| GASCO ENERGY INC | COM | 367220100 | 3,461 | 520,497 SH | | X | |
| GEHL CO | COM | 368483103 | 669 | 24,000 SH | | | X |
| GEN-PROBE INC NEW | COM | 36866T103 | 1,786 | 36,123 SH | | X | |
| GENENTECH INC | COM NEW | 368710406 | 2,855 | 33,900 SH | | X | |
| GENENTECH INC | COM NEW | 368710406 | 866 | 10,278 SH | | | X |
| GENERAL COMMUNICATION INC | CL A | 369385109 | 219 | 22,159 SH | | X | |
| GENERAL DYNAMICS CORP | COM | 369550108 | 804 | 6,726 SH | | X | |
| GENERAL DYNAMICS CORP | COM | 369550108 | 15 | 124 SH | | | X |
| GENERAL ELEC CO | COM | 369604103 | 78,613 | 2,334,804 SH | | X | |
| GENERAL ELEC CO | COM | 369604103 | 15,523 | 461,031 SH | | | X |
| GENERAL MLS INC | COM | 370334104 | 2,238 | 46,425 SH | | X | |
| GENERAL MLS INC | COM | 370334104 | 829 | 17,198 SH | | | X |
| GENERAL MTRS CORP | COM | 370442105 | 928 | 30,309 SH | | X | |
| GENERAL MTRS CORP | COM | 370442105 | 161 | 5,263 SH | | | X |
| GENUINE PARTS CO | COM | 372460105 | 1,557 | 36,287 SH | | X | |
| GENUINE PARTS CO | COM | 372460105 | 113 | 2,633 SH | | | X |
| GENZYME CORP | COM | 372917104 | 1,539 | 21,481 SH | | X | |
| GENZYME CORP | COM | 372917104 | 13 | 187 SH | | | X |
| GEORGIA PAC CORP | COM | 373298108 | 11,067 | 324,915 SH | | X | |
| GEORGIA PAC CORP | COM | 373298108 | 389 | 11,425 SH | | | X |
| GILEAD SCIENCES INC | COM | 375558103 | 4,115 | 84,400 SH | | X | |
| GILEAD SCIENCES INC | COM | 375558103 | 34 | 691 SH | | | X |
| GILLETTE CO COM | | 375766102 | 15,954 | 274,127 SH | | X | |
| GILLETTE CO COM | | 375766102 | 2,235 | 38,410 SH | | | X |
| GLAXOSMITHKLINE PLC | SPONSORED ADR | 37733W105 | 1,030 | 20,093 SH | | X | |
| GLAXOSMITHKLINE PLC | SPONSORED ADR | 37733W105 | 883 | 17,213 SH | | | X |
| GLENAYRE TECHNOLOGIES INC | COM | 377899109 | 36 | 10,000 SH | | X | |
| GOLDEN WEST FINL CORP DEL | COM | 381317106 | 434 | 7,303 SH | | X | |
| GOLDEN WEST FINL CORP DEL | COM | 381317106 | 60 | 1,004 SH | | | X |
| GOLDMAN SACHS GROUP INC | COM | 38141G104 | 24,058 | 197,878 SH | | X | |
| GOLDMAN SACHS GROUP INC | COM | 38141G104 | 1,741 | 14,316 SH | | | X |

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| | | | | | | | |
|------------------------------|--------------|-----------|--------|---------|----|---|---|
| GOODRICH CORP | COM | 382388106 | 2,610 | 58,864 | SH | X | |
| GOODRICH CORP | COM | 382388106 | 0 | 9 | SH | | X |
| GOODYEAR TIRE & RUBR CO | COM | 382550101 | 1,082 | 69,374 | SH | X | |
| GRAINGER W W INC | COM | 384802104 | 10,000 | 158,929 | SH | X | |
| GRAINGER W W INC | COM | 384802104 | 76 | 1,200 | SH | | X |
| GREAT PLAINS ENERGY INC | COM | 391164100 | 384 | 12,840 | SH | X | |
| GREAT PLAINS ENERGY INC | COM | 391164100 | 12 | 400 | SH | | X |
| GREAT WOLF RESORTS INC | COM | 391523107 | 3 | 300 | SH | X | |
| GREAT WOLF RESORTS INC | COM | 391523107 | 103 | 10,000 | SH | | X |
| GREATER BAY BANCORP | COM | 391648102 | 9 | 364 | SH | X | |
| GREATER BAY BANCORP | COM | 391648102 | 246 | 10,000 | SH | | X |
| GREENHILL & CO INC | COM | 395259104 | 1,510 | 36,224 | SH | X | |
| GTECH HLDGS CORP | COM | 400518106 | 3,275 | 102,138 | SH | X | |
| GTECH HLDGS CORP | COM | 400518106 | 212 | 6,628 | SH | | X |
| GUIDANT CORP | COM | 401698105 | 1,197 | 17,373 | SH | X | |
| GUIDANT CORP | COM | 401698105 | 201 | 2,922 | SH | | X |
| HCA INC | COM | 404119109 | 5,183 | 108,161 | SH | X | |
| HCA INC | COM | 404119109 | 272 | 5,667 | SH | | X |
| HNI CORP | COM | 404251100 | 944 | 15,678 | SH | X | |
| HSBC HLDGS PLC | SPON ADR NEW | 404280406 | 509 | 6,266 | SH | X | |
| HSBC HLDGS PLC | SPON ADR NEW | 404280406 | 624 | 7,676 | SH | | X |
| HAEMONETICS CORP | COM | 405024100 | 2,425 | 51,018 | SH | X | |
| HALLIBURTON CO | COM | 406216101 | 2,427 | 35,421 | SH | X | |
| HALLIBURTON CO | COM | 406216101 | 281 | 4,103 | SH | | X |
| HARLEY DAVIDSON INC | COM | 412822108 | 12,134 | 250,488 | SH | X | |
| HARLEY DAVIDSON INC | COM | 412822108 | 2,136 | 44,096 | SH | | X |
| HARRAHS ENTMT INC | COM | 413619107 | 1,628 | 24,978 | SH | X | |
| HARRAHS ENTMT INC | COM | 413619107 | 21 | 316 | SH | | X |
| HARRIS CORP DEL | COM | 413875105 | 590 | 14,118 | SH | X | |
| HARRIS CORP DEL | COM | 413875105 | 15 | 350 | SH | | X |
| HARSCO CORP | COM | 415864107 | 1,031 | 15,727 | SH | X | |
| HARTFORD FINL SVCS GROUP INC | COM | 416515104 | 3,232 | 41,878 | SH | X | |
| HARTFORD FINL SVCS GROUP INC | COM | 416515104 | 232 | 3,008 | SH | | X |
| HAWAIIAN ELEC INDUSTRIES | COM | 419870100 | 225 | 8,067 | SH | X | |
| HEALTH MGMT ASSOC INC NEW | CL A | 421933102 | 157 | 6,675 | SH | X | |
| HEALTH MGMT ASSOC INC NEW | CL A | 421933102 | 245 | 10,419 | SH | | X |
| HEALTH EXTRAS INC | COM | 422211102 | 269 | 12,600 | SH | X | |

REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| HEARTLAND FINL USA INC | COM | 422340102 | 233 | 11,979 | SH | X | |
| HEARTLAND PMT SYS INC | COM | 42235N108 | 745 | 31,240 | SH | X | |
| HEINZ H J CO | COM | 423074103 | 3,394 | 92,897 | SH | X | |
| HEINZ H J CO | COM | 423074103 | 518 | 14,183 | SH | | X |
| HERCULES INC | COM | 427056106 | 123 | 10,041 | SH | X | |
| HERCULES INC | COM | 427056106 | 5 | 373 | SH | | X |
| HERSHEY CO | COM | 427866108 | 856 | 15,209 | SH | X | |

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| | | | | | | | |
|------------------------------|----------------|-----------|--------|---------|----|---|---|
| HERSHEY CO | COM | 427866108 | 157 | 2,781 | SH | | X |
| HEWLETT PACKARD CO | COM | 428236103 | 6,740 | 230,824 | SH | X | |
| HEWLETT PACKARD CO | COM | 428236103 | 995 | 34,069 | SH | | X |
| HIBERNIA CORP | CL A | 428656102 | 231 | 7,684 | SH | X | |
| HILB ROGAL & HOBBS CO | COM | 431294107 | 246 | 6,582 | SH | X | |
| HILTON HOTELS CORP | COM | 432848109 | 2,571 | 115,206 | SH | X | |
| HILTON HOTELS CORP | COM | 432848109 | 50 | 2,256 | SH | | X |
| HOME DEPOT INC | COM | 437076102 | 10,104 | 264,913 | SH | X | |
| HOME DEPOT INC | COM | 437076102 | 1,019 | 26,727 | SH | | X |
| HOMESTORE INC | COM | 437852106 | 1,405 | 322,944 | SH | X | |
| HONEYWELL INTL INC | COM | 438516106 | 1,264 | 33,716 | SH | X | |
| HONEYWELL INTL INC | COM | 438516106 | 425 | 11,337 | SH | | X |
| HOSPIRA INC | COM | 441060100 | 791 | 19,319 | SH | X | |
| HOSPIRA INC | COM | 441060100 | 42 | 1,015 | SH | | X |
| HOUSTON EXPL CO | COM | 442120101 | 471 | 7,000 | SH | X | |
| HOUSTON EXPL CO | COM | 442120101 | 24 | 351 | SH | | X |
| HUBBELL INC | CL B | 443510201 | 4,195 | 89,394 | SH | X | |
| HUDSON HIGHLAND GROUP INC | COM | 443792106 | 1,949 | 78,103 | SH | X | |
| HUDSON UNITED BANCORP | COM | 444165104 | 320 | 7,562 | SH | X | |
| HUMANA INC | COM | 444859102 | 2,795 | 58,379 | SH | X | |
| HUMANA INC | COM | 444859102 | 36 | 746 | SH | | X |
| HUNT J B TRANS SVCS INC | COM | 445658107 | 9,933 | 522,503 | SH | X | |
| HUNT J B TRANS SVCS INC | COM | 445658107 | 2 | 100 | SH | | X |
| HUNTINGTON BANCSHARES INC | COM | 446150104 | 1,519 | 67,597 | SH | X | |
| HUNTINGTON BANCSHARES INC | COM | 446150104 | 33 | 1,488 | SH | | X |
| I-FLOW CORP | COM NEW | 449520303 | 1,179 | 85,970 | SH | X | |
| IMS HEALTH INC | COM | 449934108 | 360 | 14,285 | SH | X | |
| IMS HEALTH INC | COM | 449934108 | 87 | 3,448 | SH | | X |
| ITT EDUCATIONAL SERVICES INC | COM | 45068B109 | 264 | 5,357 | SH | X | |
| ITT INDS INC IND | COM | 450911102 | 2,013 | 17,718 | SH | X | |
| ITT INDS INC IND | COM | 450911102 | 60 | 526 | SH | | X |
| ILLINOIS TOOL WKS INC | COM | 452308109 | 2,633 | 31,975 | SH | X | |
| ILLINOIS TOOL WKS INC | COM | 452308109 | 2,242 | 27,229 | SH | | X |
| IMATION CORP | COM | 45245A107 | 10,326 | 240,876 | SH | X | |
| IMAX CORP | COM | 45245E109 | 3,152 | 302,193 | SH | X | |
| INDUS INTL INC | COM | 45578L100 | 214 | 80,000 | SH | X | |
| ING GROEP N V | SPONSORED ADR | 456837103 | 137 | 4,615 | SH | X | |
| ING GROEP N V | SPONSORED ADR | 456837103 | 414 | 13,911 | SH | | X |
| INTEL CORP | COM | 458140100 | 22,468 | 911,470 | SH | X | |
| INTEL CORP | COM | 458140100 | 5,302 | 215,101 | SH | | X |
| INTERNATIONAL BUSINESS MACHS | COM | 459200101 | 20,212 | 251,957 | SH | X | |
| INTERNATIONAL BUSINESS MACHS | COM | 459200101 | 4,427 | 55,188 | SH | | X |
| INTERNATIONAL GAME TECHNOLOG | COM | 459902102 | 615 | 22,778 | SH | X | |
| INTERNATIONAL GAME TECHNOLOG | COM | 459902102 | 9 | 331 | SH | | X |
| INTL PAPER CO | COM | 460146103 | 2,601 | 87,291 | SH | X | |
| INTL PAPER CO | COM | 460146103 | 200 | 6,723 | SH | | X |
| INTERNATIONAL RECTIFIER CORP | COM | 460254105 | 1,017 | 22,570 | SH | X | |
| INTERPUBLIC GROUP COS INC | COM | 460690100 | 10,548 | 906,184 | SH | X | |
| INVITROGEN CORP | COM | 46185R100 | 2,128 | 28,284 | SH | X | |
| INVITROGEN CORP | COM | 46185R100 | 17 | 224 | SH | | X |
| ISHARES INC | MSCI JAPAN | 464286848 | 1,115 | 91,496 | SH | X | |
| ISHARES TR | DJ SEL DIV INX | 464287168 | 1,376 | 22,095 | SH | X | |
| ISHARES TR | DJ SEL DIV INX | 464287168 | 321 | 5,150 | SH | | X |
| ISHARES TR | S&P 500 INDEX | 464287200 | 15,792 | 128,394 | SH | X | |
| ISHARES TR | S&P 500 INDEX | 464287200 | 624 | 5,073 | SH | | X |
| ISHARES TR | S&P500/BAR GRW | 464287309 | 2,456 | 41,920 | SH | X | |
| ISHARES TR | S&P500/BAR GRW | 464287309 | 28 | 470 | SH | | X |
| ISHARES TR | S&P500/BAR VAL | 464287408 | 1,292 | 20,148 | SH | X | |
| ISHARES TR | S&P500/BAR VAL | 464287408 | 62 | 961 | SH | | X |
| ISHARES TR | MSCI EAFE IDX | 464287465 | 18,164 | 312,632 | SH | X | |
| ISHARES TR | MSCI EAFE IDX | 464287465 | 2,448 | 42,131 | SH | | X |
| ISHARES TR | S&P MIDCAP 400 | 464287507 | 11,367 | 158,274 | SH | X | |

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| | | | | | | | |
|------------|----------------|-----------|-------|---------|----|---|---|
| ISHARES TR | S&P MIDCAP 400 | 464287507 | 695 | 9,672 | SH | | X |
| ISHARES TR | RUSSELL1000VAL | 464287598 | 2,991 | 43,448 | SH | X | |
| ISHARES TR | S&P MIDCP GROW | 464287606 | 705 | 9,760 | SH | X | |
| ISHARES TR | RUSSELL1000GRW | 464287614 | 2,907 | 58,400 | SH | X | |
| ISHARES TR | RUSSELL 1000 | 464287622 | 421 | 6,289 | SH | X | |
| ISHARES TR | RUSL 2000 VALU | 464287630 | 530 | 8,041 | SH | X | |
| ISHARES TR | RUSL 2000 VALU | 464287630 | 13 | 204 | SH | | X |
| ISHARES TR | RUSL 2000 GROW | 464287648 | 579 | 8,420 | SH | X | |
| ISHARES TR | RUSSELL 2000 | 464287655 | 9,231 | 139,046 | SH | X | |
| ISHARES TR | RUSSELL 2000 | 464287655 | 1,146 | 17,265 | SH | | X |
| ISHARES TR | S&P MIDCP VALU | 464287705 | 4,267 | 60,950 | SH | X | |
| ISHARES TR | S&P MIDCP VALU | 464287705 | 458 | 6,536 | SH | | X |
| ISHARES TR | DJ US TECH SEC | 464287721 | 1,752 | 36,011 | SH | X | |
| ISHARES TR | DJ US REAL EST | 464287739 | 257 | 4,000 | SH | | X |
| ISHARES TR | DJ US INDUSTRI | 464287754 | 327 | 5,860 | SH | X | |
| ISHARES TR | DJ US INDUSTRI | 464287754 | 5 | 95 | SH | | X |
| ISHARES TR | DJ US HEALTHCR | 464287762 | 1,956 | 31,452 | SH | X | |
| ISHARES TR | DJ US HEALTHCR | 464287762 | 44 | 702 | SH | | X |
| ISHARES TR | DJ US FINL SVC | 464287770 | 719 | 6,790 | SH | X | |
| ISHARES TR | DJ US FINL SVC | 464287770 | 6 | 55 | SH | | X |

REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|----------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| ISHARES TR | DJ US ENERGY | 464287796 | 344 | 3,772 | SH | X | |
| ISHARES TR | S&P SMLCAP 600 | 464287804 | 2,574 | 44,559 | SH | X | |
| ISHARES TR | S&P SMLCAP 600 | 464287804 | 171 | 2,955 | SH | | X |
| ISHARES TR | S&P SMLCP VALU | 464287879 | 452 | 7,080 | SH | X | |
| JPMORGAN & CHASE & CO | COM | 46625H100 | 32,806 | 966,885 | SH | X | |
| JPMORGAN & CHASE & CO | COM | 46625H100 | 3,649 | 107,556 | SH | | X |
| JABIL CIRCUIT INC | COM | 466313103 | 2,626 | 84,923 | SH | X | |
| JABIL CIRCUIT INC | COM | 466313103 | 6 | 193 | SH | | X |
| JACOBS ENGR GROUP INC DEL | COM | 469814107 | 2,427 | 36,015 | SH | X | |
| JARDEN CORP | COM | 471109108 | 4,225 | 102,863 | SH | X | |
| JEFFERSON PILOT CORP | COM | 475070108 | 1,568 | 30,636 | SH | X | |
| JEFFERSON PILOT CORP | COM | 475070108 | 94 | 1,837 | SH | | X |
| JOHNSON & JOHNSON | COM | 478160104 | 36,762 | 580,934 | SH | X | |
| JOHNSON & JOHNSON | COM | 478160104 | 7,161 | 113,170 | SH | | X |
| JOHNSON CTLS INC | COM | 478366107 | 14,702 | 236,933 | SH | X | |
| JOHNSON CTLS INC | COM | 478366107 | 1,367 | 22,032 | SH | | X |
| JOS A BANK CLOTHIERS INC | COM | 480838101 | 1,649 | 38,154 | SH | X | |
| JOS A BANK CLOTHIERS INC | COM | 480838101 | 22 | 510 | SH | | X |
| JOURNAL COMMUNICATIONS INC | CL A | 481130102 | 574 | 38,500 | SH | X | |
| JOURNAL COMMUNICATIONS INC | CL A | 481130102 | 4 | 300 | SH | | X |
| JOY GLOBAL INC | COM | 481165108 | 3,391 | 67,207 | SH | X | |
| JOY GLOBAL INC | COM | 481165108 | 18 | 360 | SH | | X |
| KLA-TENCOR CORP | COM | 482480100 | 319 | 6,552 | SH | X | |
| KLA-TENCOR CORP | COM | 482480100 | 4 | 84 | SH | | X |

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| | | | | | | | |
|------------------------------|----------------|-----------|--------|---------|----|---|---|
| KT CORP | SPONSORED ADR | 48268K101 | 452 | 20,089 | SH | | X |
| KAYNE ANDERSON MLP INVSMNT C | COM | 486606106 | 5,311 | 189,288 | SH | X | |
| KB HOME | COM | 48666K109 | 421 | 5,747 | SH | X | |
| KB HOME | COM | 48666K109 | 22 | 305 | SH | | X |
| KELLOGG CO | COM | 487836108 | 2,112 | 45,789 | SH | X | |
| KELLOGG CO | COM | 487836108 | 5,564 | 120,618 | SH | | X |
| KENEXA CORP | COM | 488879107 | 1,369 | 109,328 | SH | X | |
| KENNAMETAL INC | COM | 489170100 | 1,560 | 31,816 | SH | X | |
| KENNAMETAL INC | COM | 489170100 | 99 | 2,028 | SH | | X |
| KERR MCGEE CORP | COM | 492386107 | 3,570 | 36,766 | SH | X | |
| KERR MCGEE CORP | COM | 492386107 | 242 | 2,493 | SH | | X |
| KEYCORP NEW | COM | 493267108 | 6,920 | 214,583 | SH | X | |
| KEYCORP NEW | COM | 493267108 | 55 | 1,701 | SH | | X |
| KEYSPAN CORP | COM | 49337W100 | 5,166 | 140,463 | SH | X | |
| KEYSPAN CORP | COM | 49337W100 | 58 | 1,587 | SH | | X |
| KIMBERLY CLARK CORP | COM | 494368103 | 31,958 | 536,839 | SH | X | |
| KIMBERLY CLARK CORP | COM | 494368103 | 4,845 | 81,385 | SH | | X |
| KINDER MORGAN INC KANS | COM | 49455P101 | 3,433 | 35,698 | SH | X | |
| KINDER MORGAN INC KANS | COM | 49455P101 | 49 | 508 | SH | | X |
| KINDER MORGAN MANAGEMENT LLC | SHS | 49455U100 | 3,897 | 78,628 | SH | X | |
| KINDER MORGAN ENERGY PARTNER | UT LTD PARTNER | 494550106 | 830 | 15,704 | SH | X | |
| KINDER MORGAN ENERGY PARTNER | UT LTD PARTNER | 494550106 | 329 | 6,226 | SH | | X |
| KINETIC CONCEPTS INC | COM NEW | 49460W208 | 1,732 | 30,501 | SH | X | |
| KIRIN BREWERY LTD | SPONSORED ADR | 497350306 | 377 | 34,071 | SH | | X |
| KOHL'S CORP | COM | 500255104 | 16,507 | 328,952 | SH | X | |
| KOHL'S CORP | COM | 500255104 | 2,528 | 50,370 | SH | | X |
| KOMAG INC | COM NEW | 500453204 | 832 | 26,038 | SH | X | |
| KOREA ELECTRIC PWR | SPONSORED ADR | 500631106 | 222 | 12,508 | SH | | X |
| KROGER CO | COM | 501044101 | 11,507 | 558,860 | SH | X | |
| KROGER CO | COM | 501044101 | 2 | 80 | SH | | X |
| LHC GROUP INC | COM | 50187A107 | 1,531 | 99,099 | SH | X | |
| L-3 COMMUNICATIONS HLDGS INC | COM | 502424104 | 5,534 | 69,993 | SH | X | |
| L-3 COMMUNICATIONS HLDGS INC | COM | 502424104 | 29 | 365 | SH | | X |
| LAM RESEARCH CORP | COM | 512807108 | 3,694 | 121,222 | SH | X | |
| LAMAR ADVERTISING CO | CL A | 512815101 | 923 | 20,359 | SH | X | |
| LAUDER ESTEE COS INC | CL A | 518439104 | 5,857 | 168,169 | SH | X | |
| LAUDER ESTEE COS INC | CL A | 518439104 | 703 | 20,187 | SH | | X |
| LAUREATE EDUCATION INC | COM | 518613104 | 947 | 19,332 | SH | X | |
| LEE ENTERPRISES INC | COM | 523768109 | 2,340 | 55,074 | SH | X | |
| LEGG MASON INC | COM | 524901105 | 1,120 | 10,209 | SH | X | |
| LEGG MASON INC | COM | 524901105 | 139 | 1,267 | SH | | X |
| LEHMAN BROS HLDGS INC | COM | 524908100 | 10,911 | 93,671 | SH | X | |
| LEHMAN BROS HLDGS INC | COM | 524908100 | 40 | 343 | SH | | X |
| LEXMARK INTL NEW | CL A | 529771107 | 5,701 | 93,384 | SH | X | |
| LEXMARK INTL NEW | CL A | 529771107 | 842 | 13,785 | SH | | X |
| LIBERTY MEDIA CORP NEW | COM SER A | 530718105 | 41 | 5,077 | SH | X | |
| LIBERTY MEDIA CORP NEW | COM SER A | 530718105 | 344 | 42,760 | SH | | X |
| LIFECCELL CORP | COM | 531927101 | 1,352 | 62,485 | SH | X | |
| LIFE TIME FITNESS INC | COM | 53217R207 | 2,586 | 78,019 | SH | X | |
| LILLY ELI & CO | COM | 532457108 | 9,354 | 174,775 | SH | X | |
| LILLY ELI & CO | COM | 532457108 | 1,632 | 30,491 | SH | | X |
| LIMITED BRANDS INC | COM | 532716107 | 1,538 | 75,292 | SH | X | |
| LIMITED BRANDS INC | COM | 532716107 | 36 | 1,754 | SH | | X |
| LINCOLN NATL CORP IND | COM | 534187109 | 2,342 | 45,029 | SH | X | |
| LINCOLN NATL CORP IND | COM | 534187109 | 561 | 10,791 | SH | | X |
| LINEAR TECHNOLOGY CORP | COM | 535678106 | 593 | 15,775 | SH | X | |
| LINEAR TECHNOLOGY CORP | COM | 535678106 | 16 | 438 | SH | | X |
| LIZ CLAIBORNE INC | COM | 539320101 | 11,922 | 303,209 | SH | X | |
| LIZ CLAIBORNE INC | COM | 539320101 | 262 | 6,672 | SH | | X |
| LOCKHEED MARTIN CORP | COM | 539830109 | 2,447 | 40,084 | SH | X | |
| LOCKHEED MARTIN CORP | COM | 539830109 | 320 | 5,246 | SH | | X |
| LOEWS CORP | COM | 540424108 | 262 | 2,833 | SH | X | |

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| | | | | | | |
|--------------------|-----|-----------|-----|-----------|--|---|
| LOEWS CORP | COM | 540424108 | 41 | 448 SH | | X |
| LONGVIEW FIBRE CO | COM | 543213102 | 526 | 27,002 SH | | X |
| LOUISIANA PAC CORP | COM | 546347105 | 317 | 11,460 SH | | X |

REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|--------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| LOUISIANA PAC CORP | COM | 546347105 | 10 | 357 SH | | | X |
| LOWES COS INC | COM | 548661107 | 14,177 | 220,145 SH | X | | |
| LOWES COS INC | COM | 548661107 | 1,548 | 24,037 SH | | | X |
| LUCENT TECHNOLOGIES INC | COM | 549463107 | 53 | 16,199 SH | X | | |
| LUCENT TECHNOLOGIES INC | COM | 549463107 | 42 | 12,920 SH | | | X |
| LYONDELL CHEMICAL CO | COM | 552078107 | 4,636 | 161,982 SH | X | | |
| LYONDELL CHEMICAL CO | COM | 552078107 | 6 | 215 SH | | | X |
| MBIA INC | COM | 55262C100 | 222 | 3,666 SH | X | | |
| MBIA INC | COM | 55262C100 | 306 | 5,053 SH | | | X |
| MBNA CORP | COM | 55262L100 | 883 | 35,847 SH | X | | |
| MBNA CORP | COM | 55262L100 | 424 | 17,192 SH | | | X |
| M D C HLDGS INC | COM | 552676108 | 954 | 12,093 SH | X | | |
| M D C HLDGS INC | COM | 552676108 | 17 | 220 SH | | | X |
| MDU RES GROUP INC | COM | 552690109 | 3,946 | 110,700 SH | X | | |
| MDU RES GROUP INC | COM | 552690109 | 238 | 6,678 SH | | | X |
| MEMC ELECTR MATLS INC | COM | 552715104 | 1,196 | 52,495 SH | X | | |
| MEMC ELECTR MATLS INC | COM | 552715104 | 12 | 505 SH | | | X |
| MGE ENERGY INC | COM | 55277P104 | 2,455 | 67,248 SH | X | | |
| MGE ENERGY INC | COM | 55277P104 | 153 | 4,185 SH | | | X |
| MGIC INVT CORP WIS | COM | 552848103 | 11,948 | 186,110 SH | X | | |
| MGIC INVT CORP WIS | COM | 552848103 | 515 | 8,026 SH | | | X |
| MAIDENFORM BRANDS INC | COM | 560305104 | 1,144 | 83,214 SH | X | | |
| MANITOWOC INC | COM | 563571108 | 1,502 | 29,881 SH | X | | |
| MANPOWER INC | COM | 56418H100 | 16,271 | 366,547 SH | X | | |
| MANPOWER INC | COM | 56418H100 | 308 | 6,937 SH | | | X |
| MARATHON OIL CORP | COM | 565849106 | 4,136 | 59,998 SH | X | | |
| MARATHON OIL CORP | COM | 565849106 | 144 | 2,095 SH | | | X |
| MARCUS CORP | COM | 566330106 | 12 | 586 SH | X | | |
| MARCUS CORP | COM | 566330106 | 408 | 20,350 SH | | | X |
| MARSH & MCLENNAN COS INC | COM | 571748102 | 232 | 7,633 SH | X | | |
| MARSH & MCLENNAN COS INC | COM | 571748102 | 14 | 470 SH | | | X |
| MARSHALL & ILSLEY CORP | COM | 571834100 | 181,274 | 4,166,270 SH | X | | |
| MARSHALL & ILSLEY CORP | COM | 571834100 | 71,380 | 1,640,544 SH | | | X |
| MARRIOTT INTL INC NEW | CL A | 571903202 | 1,056 | 16,769 SH | X | | |
| MARRIOTT INTL INC NEW | CL A | 571903202 | 78 | 1,243 SH | | | X |
| MASCO CORP | COM | 574599106 | 981 | 31,983 SH | X | | |
| MASCO CORP | COM | 574599106 | 4 | 139 SH | | | X |
| MATRIA HEALTHCARE INC | COM NEW | 576817209 | 2,167 | 57,395 SH | X | | |
| MATSUSHITA ELEC INDL | ADR | 576879209 | 0 | 23 SH | X | | |
| MATSUSHITA ELEC INDL | ADR | 576879209 | 347 | 20,299 SH | | | X |
| MATTEL INC | COM | 577081102 | 10,865 | 651,357 SH | X | | |

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| | | | | | | | |
|----------------------------|-------------|-----------|--------|-----------|----|---|---|
| MAXIM INTEGRATED PRODS INC | COM | 57772K101 | 1,595 | 37,406 | SH | X | |
| MAXIM INTEGRATED PRODS INC | COM | 57772K101 | 7 | 153 | SH | | X |
| MAY DEPT STORES CO COM | | 577778103 | 0 | 0 | SH | X | |
| MAY DEPT STORES CO COM | | 577778103 | 403 | 10,131 | SH | | X |
| MCAFEE INC | COM | 579064106 | 2,387 | 75,970 | SH | X | |
| MCAFEE INC | COM | 579064106 | 10 | 325 | SH | | X |
| MCCORMICK & CO INC | COM NON VTG | 579780206 | 256 | 7,845 | SH | X | |
| MCCORMICK & CO INC | COM NON VTG | 579780206 | 8 | 232 | SH | | X |
| MCDONALDS CORP | COM | 580135101 | 3,999 | 119,423 | SH | X | |
| MCDONALDS CORP | COM | 580135101 | 1,731 | 51,688 | SH | | X |
| MCGRAW HILL COS INC | COM | 580645109 | 6,387 | 132,953 | SH | X | |
| MCGRAW HILL COS INC | COM | 580645109 | 372 | 7,750 | SH | | X |
| MEADWESTVACO CORP | COM | 583334107 | 963 | 34,879 | SH | X | |
| MEADWESTVACO CORP | COM | 583334107 | 501 | 18,157 | SH | | X |
| MEDCO HEALTH SOLUTIONS INC | COM | 58405U102 | 736 | 13,417 | SH | X | |
| MEDCO HEALTH SOLUTIONS INC | COM | 58405U102 | 208 | 3,801 | SH | | X |
| MEDIMMUNE INC | COM | 584699102 | 5,383 | 159,981 | SH | X | |
| MEDIMMUNE INC | COM | 584699102 | 599 | 17,797 | SH | | X |
| MEDTRONIC INC | COM | 585055106 | 13,334 | 248,679 | SH | X | |
| MEDTRONIC INC | COM | 585055106 | 1,537 | 28,670 | SH | | X |
| MELLON FINL CORP | COM | 58551A108 | 229 | 7,172 | SH | X | |
| MELLON FINL CORP | COM | 58551A108 | 20 | 612 | SH | | X |
| MERCANTILE BANKSHARES CORP | COM | 587405101 | 32 | 603 | SH | X | |
| MERCANTILE BANKSHARES CORP | COM | 587405101 | 431 | 8,000 | SH | | X |
| MERCK & CO INC | COM | 589331107 | 19,536 | 717,983 | SH | X | |
| MERCK & CO INC | COM | 589331107 | 2,710 | 99,582 | SH | | X |
| MEREDITH CORP | COM | 589433101 | 533 | 10,689 | SH | X | |
| MEREDITH CORP | COM | 589433101 | 23 | 467 | SH | | X |
| MERRILL LYNCH & CO INC | COM | 590188108 | 15,851 | 258,374 | SH | X | |
| MERRILL LYNCH & CO INC | COM | 590188108 | 98 | 1,594 | SH | | X |
| METLIFE INC | COM | 59156R108 | 3,006 | 60,331 | SH | X | |
| METLIFE INC | COM | 59156R108 | 86 | 1,732 | SH | | X |
| MICHAELS STORES INC | COM | 594087108 | 1,319 | 39,906 | SH | X | |
| MICHAELS STORES INC | COM | 594087108 | 10 | 300 | SH | | X |
| MICROSOFT CORP | COM | 594918104 | 31,876 | 1,238,883 | SH | X | |
| MICROSOFT CORP | COM | 594918104 | 6,555 | 254,773 | SH | | X |
| MICROCHIP TECHNOLOGY INC | COM | 595017104 | 975 | 32,363 | SH | X | |
| MICROSEMI CORP | COM | 595137100 | 3,655 | 143,104 | SH | X | |
| MIDCAP SPDR TR | UNIT SER 1 | 595635103 | 7,551 | 57,676 | SH | X | |
| MIDCAP SPDR TR | UNIT SER 1 | 595635103 | 916 | 6,994 | SH | | X |
| MIKOHN GAMING CORP | COM | 59862K108 | 1,383 | 104,044 | SH | X | |
| MILLIPORE CORP | COM | 601073109 | 238 | 3,780 | SH | X | |
| MILLIPORE CORP | COM | 601073109 | 3 | 47 | SH | | X |
| MODINE MFG CO | COM | 607828100 | 26,749 | 729,250 | SH | X | |
| MODINE MFG CO | COM | 607828100 | 699 | 19,050 | SH | | X |
| MOHAWK INDS INC | COM | 608190104 | 43 | 538 | SH | X | |
| MOHAWK INDS INC | COM | 608190104 | 166 | 2,070 | SH | | X |
| MOLSON COORS BREWING CO | CL B | 60871R209 | 18,679 | 291,806 | SH | X | |

REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 AS OF 09/30/2005

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

 TITLE MARKET INVESTMENT DISCR

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| NAME OF ISSUER | OF CLASS | CUSIP | VALUE (X\$1000) | SHRS OR PRN AMT | SH/PUT/SOLE PRN CALL(A) | SHR (B) | OTH (C) |
|------------------------------|---------------|-----------|-----------------|-----------------|-------------------------|---------|---------|
| MOLSON COORS BREWING CO | CL B | 60871R209 | 595 | 9,288 SH | | | X |
| MONSANTO CO NEW | COM | 61166W101 | 291 | 4,644 SH | X | | |
| MONSANTO CO NEW | COM | 61166W101 | 19 | 300 SH | | | X |
| MOODYS CORP | COM | 615369105 | 954 | 18,684 SH | X | | |
| MOODYS CORP | COM | 615369105 | 189 | 3,697 SH | | | X |
| MORGAN STANLEY | COM NEW | 617446448 | 17,814 | 330,251 SH | X | | |
| MORGAN STANLEY | COM NEW | 617446448 | 1,746 | 32,361 SH | | | X |
| MORGAN STANLEY INDIA INVT | | 61745C105 | 1,018 | 23,650 SH | X | | |
| MOTOROLA INC | COM | 620076109 | 2,194 | 99,589 SH | X | | |
| MOTOROLA INC | COM | 620076109 | 520 | 23,623 SH | | | X |
| MURPHY OIL CORP | COM | 626717102 | 5,030 | 100,868 SH | X | | |
| MURPHY OIL CORP | COM | 626717102 | 220 | 4,416 SH | | | X |
| NII HLDGS INC | CL B NEW | 62913F201 | 3,434 | 40,658 SH | X | | |
| NII HLDGS INC | CL B NEW | 62913F201 | 19 | 230 SH | | | X |
| NVR INC | COM | 62944T105 | 1,149 | 1,298 SH | X | | |
| NASDAQ 100 TR | UNIT SER 1 | 631100104 | 1,056 | 26,757 SH | X | | |
| NASDAQ 100 TR | UNIT SER 1 | 631100104 | 131 | 3,309 SH | | | X |
| NATIONAL CITY CORP | COM | 635405103 | 8,199 | 245,198 SH | X | | |
| NATIONAL CITY CORP | COM | 635405103 | 90 | 2,692 SH | | | X |
| NATIONAL FINL PARTNERS CORP | COM | 63607P208 | 1,058 | 23,442 SH | X | | |
| NATIONAL OILWELL VARCO INC | COM | 637071101 | 1,117 | 16,978 SH | X | | |
| NATIONAL OILWELL VARCO INC | COM | 637071101 | 92 | 1,396 SH | | | X |
| NATIONAL SEMICONDUCTOR CORP | COM | 637640103 | 8,469 | 323,253 SH | X | | |
| NATIONAL SEMICONDUCTOR CORP | COM | 637640103 | 609 | 23,250 SH | | | X |
| NATUS MEDICAL INC DEL | COM | 639050103 | 1,933 | 158,862 SH | X | | |
| NEOWARE SYS INC | COM | 64065P102 | 1,569 | 93,736 SH | X | | |
| NETWORK APPLIANCE INC | COM | 64120L104 | 921 | 38,783 SH | X | | |
| NETWORK APPLIANCE INC | COM | 64120L104 | 8 | 324 SH | | | X |
| NEWELL RUBBERMAID INC | COM | 651229106 | 1,490 | 65,784 SH | X | | |
| NEWELL RUBBERMAID INC | COM | 651229106 | 26 | 1,165 SH | | | X |
| NEWMONT MINING CORP | COM | 651639106 | 498 | 10,554 SH | X | | |
| NEWMONT MINING CORP | COM | 651639106 | 125 | 2,645 SH | | | X |
| NEWS CORP | CL A | 65248E104 | 689 | 44,170 SH | X | | |
| NEWS CORP | CL A | 65248E104 | 24 | 1,539 SH | | | X |
| NICHOLAS-APPLEGATE CONV | | 65370F101 | 315 | 20,000 SH | X | | |
| NICOR INC | COM | 654086107 | 1,431 | 34,043 SH | X | | |
| NICOR INC | COM | 654086107 | 69 | 1,631 SH | | | X |
| NIKE INC | CL B | 654106103 | 5,699 | 69,775 SH | X | | |
| NIKE INC | CL B | 654106103 | 227 | 2,774 SH | | | X |
| NIPPON TELEG & TEL CORP | SPONSORED ADR | 654624105 | 0 | 10 SH | X | | |
| NIPPON TELEG & TEL CORP | SPONSORED ADR | 654624105 | 359 | 14,455 SH | | | X |
| NISOURCE INC | COM | 65473P105 | 3,766 | 155,292 SH | X | | |
| NISOURCE INC | COM | 65473P105 | 56 | 2,317 SH | | | X |
| NOKIA CORP | SPONSORED ADR | 654902204 | 584 | 34,512 SH | X | | |
| NOKIA CORP | SPONSORED ADR | 654902204 | 425 | 25,134 SH | | | X |
| NOBLE ENERGY INC | COM | 655044105 | 11,343 | 241,848 SH | X | | |
| NOBLE ENERGY INC | COM | 655044105 | 133 | 2,844 SH | | | X |
| NORDSTROM INC | COM | 655664100 | 2,906 | 84,660 SH | X | | |
| NORDSTROM INC | COM | 655664100 | 35 | 1,013 SH | | | X |
| NORFOLK SOUTHERN CORP | COM | 655844108 | 3,373 | 83,155 SH | X | | |
| NORFOLK SOUTHERN CORP | COM | 655844108 | 32 | 785 SH | | | X |
| NORTH FORK BANCORPORATION NY | COM | 659424105 | 2,093 | 82,098 SH | X | | |
| NORTH FORK BANCORPORATION NY | COM | 659424105 | 509 | 19,958 SH | | | X |
| NORTHERN TR CORP | COM | 665859104 | 7,741 | 153,139 SH | X | | |
| NORTHERN TR CORP | COM | 665859104 | 781 | 15,457 SH | | | X |
| NORTHROP GRUMMAN CORP | COM | 666807102 | 17,510 | 322,178 SH | X | | |
| NORTHROP GRUMMAN CORP | COM | 666807102 | 431 | 7,923 SH | | | X |
| NOVARTIS A G | SPONSORED ADR | 66987V109 | 3 | 60 SH | X | | |

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| | | | | | | | |
|--------------------------|---------------|-----------|--------|------------|---|--|---|
| NOVARTIS A G | SPONSORED ADR | 66987V109 | 318 | 6,235 SH | | | X |
| NOVELL INC | COM | 670006105 | 128 | 17,238 SH | X | | |
| NUCOR CORP | COM | 670346105 | 10,842 | 183,787 SH | X | | |
| NUCOR CORP | COM | 670346105 | 12 | 195 SH | | | X |
| NUVEEN INSD QUALITY MUN | | 67062N103 | 159 | 10,203 SH | X | | |
| NVIDIA CORP | COM | 67066G104 | 5,797 | 169,103 SH | X | | |
| NVIDIA CORP | COM | 67066G104 | 14 | 395 SH | | | X |
| NUVASIVE INC | COM | 670704105 | 1,269 | 67,717 SH | X | | |
| NUVEEN INVTS INC | CL A | 67090F106 | 3,943 | 100,103 SH | X | | |
| OCCIDENTAL PETE CORP DEL | COM | 674599105 | 2,401 | 28,106 SH | X | | |
| OCCIDENTAL PETE CORP DEL | COM | 674599105 | 450 | 5,265 SH | | | X |
| OFFICE DEPOT INC | COM | 676220106 | 241 | 8,121 SH | X | | |
| OFFICE DEPOT INC | COM | 676220106 | 4 | 148 SH | | | X |
| OLD REP INTL CORP | COM | 680223104 | 102 | 3,835 SH | X | | |
| OLD REP INTL CORP | COM | 680223104 | 8,074 | 302,722 SH | | | X |
| OMNICARE INC | COM | 681904108 | 19,471 | 346,271 SH | X | | |
| OMNICOM GROUP INC | COM | 681919106 | 327 | 3,909 SH | X | | |
| OMNICOM GROUP INC | COM | 681919106 | 15 | 182 SH | | | X |
| ON ASSIGNMENT INC | COM | 682159108 | 2,538 | 296,884 SH | X | | |
| ONLINE RES CORP | COM | 68273G101 | 1,102 | 104,122 SH | X | | |
| ORACLE CORP | COM | 68389X105 | 3,473 | 280,082 SH | X | | |
| ORACLE CORP | COM | 68389X105 | 237 | 19,123 SH | | | X |
| ORASURE TECHNOLOGIES INC | COM | 68554V108 | 1,772 | 187,507 SH | X | | |
| OSHKOSH TRUCK CORP | COM | 688239201 | 307 | 7,106 SH | X | | |
| OSHKOSH TRUCK CORP | COM | 688239201 | 2,122 | 49,160 SH | | | X |
| PG&E CORP | COM | 69331C108 | 2,502 | 63,742 SH | X | | |
| PG&E CORP | COM | 69331C108 | 119 | 3,036 SH | | | X |
| PICO HLDGS INC | COM NEW | 693366205 | 1,830 | 52,077 SH | X | | |
| PNC FINL SVCS GROUP INC | COM | 693475105 | 7,338 | 126,469 SH | X | | |
| PNC FINL SVCS GROUP INC | COM | 693475105 | 55 | 949 SH | | | X |
| PPG INDS INC | COM | 693506107 | 2,542 | 42,954 SH | X | | |

REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|----------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| PPG INDS INC | COM | 693506107 | 272 | 4,594 SH | | | X |
| PPL CORP | COM | 69351T106 | 6,044 | 186,951 SH | X | | |
| PPL CORP | COM | 69351T106 | 91 | 2,800 SH | | | X |
| PACCAR INC | COM | 693718108 | 233 | 3,426 SH | X | | |
| PACCAR INC | COM | 693718108 | 4 | 66 SH | | | X |
| PACKAGING CORP AMER | COM | 695156109 | 10,861 | 559,568 SH | X | | |
| PAR TECHNOLOGY CORP | COM | 698884103 | 1,198 | 52,077 SH | X | | |
| PARAMETRIC TECHNOLOGY CORP | COM | 699173100 | 78 | 11,228 SH | X | | |
| PARAMETRIC TECHNOLOGY CORP | COM | 699173100 | 3 | 485 SH | | | X |
| PARKER HANNIFIN CORP | COM | 701094104 | 23,050 | 358,415 SH | X | | |
| PARKER HANNIFIN CORP | COM | 701094104 | 653 | 10,159 SH | | | X |
| PATTERSON COMPANIES INC | COM | 703395103 | 374 | 9,334 SH | X | | |
| PATTERSON UTI ENERGY INC | COM | 703481101 | 13,853 | 383,949 SH | X | | |

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| | | | | | | | | |
|------------------------------|-----|-----------|--------|-----------|----|---|--|---|
| PATTERSON UTI ENERGY INC | COM | 703481101 | 14 | 395 | SH | | | X |
| PAYCHEX INC | COM | 704326107 | 2,417 | 65,179 | SH | X | | |
| PAYCHEX INC | COM | 704326107 | 7 | 180 | SH | | | X |
| PEABODY ENERGY CORP | COM | 704549104 | 214 | 2,536 | SH | X | | |
| PEABODY ENERGY CORP | COM | 704549104 | 11 | 130 | SH | | | X |
| PENNEY J C INC | COM | 708160106 | 11,317 | 238,658 | SH | X | | |
| PENNEY J C INC | COM | 708160106 | 800 | 16,878 | SH | | | X |
| PEOPLES CMNTY BANCORP INC | COM | 71086E107 | 441 | 20,650 | SH | X | | |
| PEOPLES ENERGY CORP | COM | 711030106 | 1,235 | 31,361 | SH | X | | |
| PEOPLES ENERGY CORP | COM | 711030106 | 28 | 705 | SH | | | X |
| PEPSICO INC | COM | 713448108 | 19,007 | 335,165 | SH | X | | |
| PEPSICO INC | COM | 713448108 | 3,461 | 61,022 | SH | | | X |
| PERKINELMER INC | COM | 714046109 | 397 | 19,474 | SH | X | | |
| PERKINELMER INC | COM | 714046109 | 11 | 536 | SH | | | X |
| PETROHAWK ENERGY CORP | COM | 716495106 | 451 | 31,274 | SH | X | | |
| PETROHAWK ENERGY CORP | COM | 716495106 | 13 | 880 | SH | | | X |
| PFIZER INC | COM | 717081103 | 34,505 | 1,381,866 | SH | X | | |
| PFIZER INC | COM | 717081103 | 4,158 | 166,514 | SH | | | X |
| PHASE FORWARD INC | COM | 71721R406 | 854 | 78,117 | SH | X | | |
| PHELPS DODGE CORP | COM | 717265102 | 6,031 | 46,420 | SH | X | | |
| PHELPS DODGE CORP | COM | 717265102 | 20 | 153 | SH | | | X |
| PIER 1 IMPORTS INC | COM | 720279108 | 8,963 | 795,320 | SH | X | | |
| PINNACLE WEST CAP CORP | COM | 723484101 | 745 | 16,899 | SH | X | | |
| PIONEER DRILLING CO | COM | 723655106 | 2,036 | 104,280 | SH | X | | |
| PIONEER NAT RES CO | COM | 723787107 | 10,939 | 199,176 | SH | X | | |
| PIONEER NAT RES CO | COM | 723787107 | 24 | 433 | SH | | | X |
| PITNEY BOWES INC | COM | 724479100 | 1,626 | 38,958 | SH | X | | |
| PITNEY BOWES INC | COM | 724479100 | 112 | 2,676 | SH | | | X |
| PLACER DOME INC | COM | 725906101 | 340 | 19,804 | SH | | | X |
| PLAINS EXPL& PRODTN CO | COM | 726505100 | 5,455 | 127,386 | SH | X | | |
| PLUM CREEK TIMBER CO INC | COM | 729251108 | 2,996 | 79,033 | SH | X | | |
| PLUM CREEK TIMBER CO INC | COM | 729251108 | 837 | 22,072 | SH | | | X |
| POWELL INDS INC | COM | 739128106 | 617 | 28,200 | SH | | | X |
| POWERWAVE TECHNOLOGIES INC | COM | 739363109 | 4,015 | 309,103 | SH | X | | |
| PRAXAIR INC | COM | 74005P104 | 743 | 15,509 | SH | X | | |
| PRAXAIR INC | COM | 74005P104 | 128 | 2,680 | SH | | | X |
| PRECISION CASTPARTS CORP | COM | 740189105 | 3,313 | 62,384 | SH | X | | |
| PRECISION CASTPARTS CORP | COM | 740189105 | 17 | 325 | SH | | | X |
| PRICE T ROWE GROUP INC | COM | 74144T108 | 266 | 4,077 | SH | X | | |
| PRICE T ROWE GROUP INC | COM | 74144T108 | 10 | 154 | SH | | | X |
| PRINCIPAL FINANCIAL GROUP IN | COM | 74251V102 | 693 | 14,630 | SH | X | | |
| PRINCIPAL FINANCIAL GROUP IN | COM | 74251V102 | 7 | 147 | SH | | | X |
| PROCTER & GAMBLE CO | COM | 742718109 | 31,600 | 531,450 | SH | X | | |
| PROCTER & GAMBLE CO | COM | 742718109 | 3,769 | 63,389 | SH | | | X |
| PROGRESS ENERGY INC | COM | 743263105 | 5,274 | 117,855 | SH | X | | |
| PROGRESS ENERGY INC | COM | 743263105 | 83 | 1,847 | SH | | | X |
| PROGRESSIVE CORP OHIO | COM | 743315103 | 878 | 8,378 | SH | X | | |
| PROGRESSIVE CORP OHIO | COM | 743315103 | 86 | 820 | SH | | | X |
| PROLIANCE INTL INC | COM | 74340R104 | 786 | 143,468 | SH | X | | |
| PROLIANCE INTL INC | COM | 74340R104 | 6 | 1,099 | SH | | | X |
| PROQUEST COMPANY | COM | 74346P102 | 12,700 | 350,826 | SH | X | | |
| PROTECTIVE LIFE CORP | COM | 743674103 | 10,665 | 258,996 | SH | X | | |
| PROTECTIVE LIFE CORP | COM | 743674103 | 21 | 510 | SH | | | X |
| PROTEIN DESIGN LABS INC | COM | 74369L103 | 2,749 | 98,166 | SH | X | | |
| PROVIDIAN FINL CORP COM | | 74406A102 | 545 | 30,832 | SH | X | | |
| PROVIDIAN FINL CORP COM | | 74406A102 | 12 | 659 | SH | | | X |
| PRUDENTIAL FINL INC | COM | 744320102 | 7,004 | 103,677 | SH | X | | |
| PRUDENTIAL FINL INC | COM | 744320102 | 100 | 1,482 | SH | | | X |
| PSYCHIATRIC SOLUTIONS INC | COM | 74439H108 | 2,254 | 41,571 | SH | X | | |
| PUBLIC SVC ENTERPRISE GROUP | COM | 744573106 | 2,492 | 38,718 | SH | X | | |
| PUBLIC SVC ENTERPRISE GROUP | COM | 744573106 | 72 | 1,113 | SH | | | X |
| PULTE HOMES INC | COM | 745867101 | 8,692 | 202,527 | SH | X | | |

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| | | | | | | | |
|-----------------------|---------|-----------|-------|------------|--|---|---|
| PULTE HOMES INC | COM | 745867101 | 12 | 288 SH | | | X |
| QSOUND LABS INC | COM NEW | 74728C307 | 481 | 155,240 SH | | X | |
| QUALCOMM INC | COM | 747525103 | 1,815 | 40,569 SH | | X | |
| QUALCOMM INC | COM | 747525103 | 622 | 13,908 SH | | | X |
| QUEST DIAGNOSTICS INC | COM | 74834L100 | 234 | 4,634 SH | | X | |
| QUEST DIAGNOSTICS INC | COM | 74834L100 | 44 | 869 SH | | | X |
| QUESTAR CORP | COM | 748356102 | 230 | 2,613 SH | | X | |
| QUESTAR CORP | COM | 748356102 | 70 | 800 SH | | | X |
| RACKABLE SYS INC | COM | 750077109 | 2,190 | 166,422 SH | | X | |
| RADIAN GROUP INC | COM | 750236101 | 1,529 | 28,796 SH | | X | |
| RADIAN GROUP INC | COM | 750236101 | 56 | 1,049 SH | | | X |
| RADIOSHACK CORP | COM | 750438103 | 257 | 10,352 SH | | X | |
| RADIOSHACK CORP | COM | 750438103 | 9 | 381 SH | | | X |
| RANGE RES CORP | COM | 75281A109 | 1,622 | 42,000 SH | | X | |

REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|----------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| RAYONIER INC | COM | 754907103 | 2,709 | 47,009 SH | X | | |
| RAYTHEON CO | COM NEW | 755111507 | 364 | 9,567 SH | X | | |
| RAYTHEON CO | COM NEW | 755111507 | 92 | 2,422 SH | | | X |
| REEBOK INTL LTD | COM | 758110100 | 898 | 15,868 SH | X | | |
| REEBOK INTL LTD | COM | 758110100 | 6 | 98 SH | | | X |
| REGAL BELOIT CORP | COM | 758750103 | 18,199 | 560,998 SH | X | | |
| REGAL BELOIT CORP | COM | 758750103 | 355 | 10,946 SH | | | X |
| REGIONS FINANCIAL CORP NEW | COM | 7591EP100 | 2,442 | 78,479 SH | X | | |
| REGIONS FINANCIAL CORP NEW | COM | 7591EP100 | 60 | 1,941 SH | | | X |
| REPUBLIC SVCS INC | COM | 760759100 | 11,492 | 325,636 SH | X | | |
| REPUBLIC SVCS INC | COM | 760759100 | 101 | 2,860 SH | | | X |
| RESMED INC | COM | 761152107 | 4,586 | 57,573 SH | X | | |
| RESMED INC | COM | 761152107 | 7 | 89 SH | | | X |
| RESPIRONICS INC | COM | 761230101 | 2,915 | 69,102 SH | X | | |
| RESPIRONICS INC | COM | 761230101 | 4 | 100 SH | | | X |
| REYNOLDS AMERICAN INC | COM | 761713106 | 1,564 | 18,838 SH | X | | |
| REYNOLDS AMERICAN INC | COM | 761713106 | 20 | 246 SH | | | X |
| RIGHTNOW TECHNOLOGIES INC | COM | 76657R106 | 1,687 | 114,614 SH | X | | |
| ROCKWELL AUTOMATION INC | COM | 773903109 | 1,786 | 33,770 SH | X | | |
| ROCKWELL AUTOMATION INC | COM | 773903109 | 249 | 4,714 SH | | | X |
| ROCKWELL COLLINS INC | COM | 774341101 | 1,444 | 29,879 SH | X | | |
| ROCKWELL COLLINS INC | COM | 774341101 | 123 | 2,540 SH | | | X |
| ROGERS CORP | COM | 775133101 | 240 | 6,209 SH | X | | |
| ROYAL DUTCH SHELL PLC | SPON ADR B | 780259107 | 102 | 1,486 SH | X | | |
| ROYAL DUTCH SHELL PLC | SPON ADR B | 780259107 | 335 | 4,858 SH | | | X |
| ROYAL DUTCH SHELL PLC | SPONS ADR A | 780259206 | 6,281 | 95,682 SH | X | | |
| ROYAL DUTCH SHELL PLC | SPONS ADR A | 780259206 | 1,019 | 15,521 SH | | | X |
| SBC COMMUNICATIONS INC | COM | 78387G103 | 22,107 | 922,296 SH | X | | |
| SBC COMMUNICATIONS INC | COM | 78387G103 | 3,165 | 132,049 SH | | | X |
| SCP POOL CORP | COM | 784028102 | 3,362 | 96,247 SH | X | | |

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| | | | | | | | |
|----------------------------|----------------|-----------|--------|---------|----|---|---|
| SEI INVESTMENTS CO | COM | 784117103 | 955 | 25,407 | SH | X | |
| SEI INVESTMENTS CO | COM | 784117103 | 11 | 280 | SH | | X |
| SFBC INTL INC | COM | 784121105 | 2,213 | 49,863 | SH | X | |
| SFBC INTL INC | COM | 784121105 | 9 | 206 | SH | | X |
| SLM CORP | COM | 78442P106 | 596 | 11,119 | SH | X | |
| SLM CORP | COM | 78442P106 | 18 | 344 | SH | | X |
| SPDR TR | UNIT SER 1 | 78462F103 | 9,334 | 75,864 | SH | X | |
| SPDR TR | UNIT SER 1 | 78462F103 | 2,919 | 23,721 | SH | | X |
| SVB FINL GROUP | COM | 78486Q101 | 1,771 | 36,408 | SH | X | |
| SABRE HLDGS CORP | CL A | 785905100 | 8,153 | 402,030 | SH | X | |
| SAFECO CORP | COM | 786429100 | 7,153 | 134,030 | SH | X | |
| SAFECO CORP | COM | 786429100 | 12 | 229 | SH | | X |
| ST JOE CO | COM | 790148100 | 1,187 | 19,007 | SH | X | |
| ST JOE CO | COM | 790148100 | 7 | 106 | SH | | X |
| ST JUDE MED INC | COM | 790849103 | 3,576 | 76,401 | SH | X | |
| ST JUDE MED INC | COM | 790849103 | 583 | 12,458 | SH | | X |
| ST PAUL TRAVELERS INC | COM | 792860108 | 6,115 | 136,281 | SH | X | |
| ST PAUL TRAVELERS INC | COM | 792860108 | 21 | 458 | SH | | X |
| SAKS INC | COM | 79377W108 | 241 | 13,000 | SH | X | |
| SALESFORCE COM INC | COM | 79466L302 | 2,793 | 120,812 | SH | X | |
| SALOMON BROS GLOBAL HIGH | | 79550G102 | 267 | 20,000 | SH | X | |
| SANDISK CORP | COM | 80004C101 | 1,860 | 38,567 | SH | X | |
| SAP AKTIENGESELLSCHAFT | SPONSORED ADR | 803054204 | 175 | 4,030 | SH | X | |
| SAP AKTIENGESELLSCHAFT | SPONSORED ADR | 803054204 | 58 | 1,345 | SH | | X |
| SARA LEE CORP | COM | 803111103 | 4,826 | 254,682 | SH | X | |
| SARA LEE CORP | COM | 803111103 | 556 | 29,348 | SH | | X |
| SASOL LTD | SPONSORED ADR | 803866300 | 2,064 | 53,352 | SH | X | |
| SCHERING PLOUGH CORP | COM | 806605101 | 1,173 | 55,740 | SH | X | |
| SCHERING PLOUGH CORP | COM | 806605101 | 355 | 16,869 | SH | | X |
| SCHLUMBERGER LTD | COM | 806857108 | 4,304 | 51,004 | SH | X | |
| SCHLUMBERGER LTD | COM | 806857108 | 742 | 8,796 | SH | | X |
| SCHOLASTIC CORP | COM | 807066105 | 8,903 | 240,876 | SH | X | |
| SCHWAB CHARLES CORP NEW | COM | 808513105 | 212 | 14,690 | SH | X | |
| SCIENTIFIC ATLANTA INC | COM | 808655104 | 399 | 10,636 | SH | X | |
| SCIENTIFIC ATLANTA INC | COM | 808655104 | 8 | 215 | SH | | X |
| SCIENTIFIC GAMES CORP | CL A | 80874P109 | 2,521 | 81,331 | SH | X | |
| SCIENTIFIC GAMES CORP | CL A | 80874P109 | 4 | 135 | SH | | X |
| SEARS HLDGS CORP | COM | 812350106 | 432 | 3,468 | SH | X | |
| SEARS HLDGS CORP | COM | 812350106 | 38 | 306 | SH | | X |
| SELECT SECTOR SPDR TR | SBI CONS STPLS | 81369Y308 | 1,286 | 55,250 | SH | X | |
| SELECT SECTOR SPDR TR | SBI CONS STPLS | 81369Y308 | 4 | 180 | SH | | X |
| SELECT SECTOR SPDR TR | SBI INT-TECH | 81369Y803 | 316 | 15,125 | SH | X | |
| SELECT SECTOR SPDR TR | SBI INT-UTILS | 81369Y886 | 200 | 5,965 | SH | X | |
| SELECT SECTOR SPDR TR | SBI INT-UTILS | 81369Y886 | 49 | 1,461 | SH | | X |
| SEMPRA ENERGY | COM | 816851109 | 193 | 4,094 | SH | X | |
| SEMPRA ENERGY | COM | 816851109 | 53 | 1,134 | SH | | X |
| SENSIENT TECHNOLOGIES CORP | COM | 81725T100 | 237 | 12,518 | SH | X | |
| SENSIENT TECHNOLOGIES CORP | COM | 81725T100 | 37 | 1,930 | SH | | X |
| SEPRACOR INC | COM | 817315104 | 1,090 | 18,478 | SH | X | |
| SHERWIN WILLIAMS CO | COM | 824348106 | 11,551 | 262,100 | SH | X | |
| SHERWIN WILLIAMS CO | COM | 824348106 | 19 | 428 | SH | | X |
| SIEMENS A G | SPONSORED ADR | 826197501 | 148 | 1,916 | SH | X | |
| SIEMENS A G | SPONSORED ADR | 826197501 | 290 | 3,750 | SH | | X |
| SIGMA ALDRICH CORP | COM | 826552101 | 1,168 | 18,228 | SH | X | |
| SIGMA ALDRICH CORP | COM | 826552101 | 35 | 542 | SH | | X |
| SIMON PPTY GROUP INC NEW | COM | 828806109 | 2,759 | 37,219 | SH | X | |
| SIMON PPTY GROUP INC NEW | COM | 828806109 | 63 | 854 | SH | | X |
| SIRIUS SATELLITE RADIO INC | COM | 82966U103 | 69 | 10,500 | SH | X | |
| SIRIUS SATELLITE RADIO INC | COM | 82966U103 | 7 | 1,000 | SH | | X |

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REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 09/30/2005

| ----- COLUMN 1 ----- | ----- COLUMN 2 ----- | ----- COLUMN 3 ----- | ----- COLUMN 4 ----- | ----- COLUMN 5 ----- | ----- COLUMN 6 ----- | | |
|------------------------------|----------------------|----------------------|------------------------|----------------------|--------------------------|---------|---------|
| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| SIRF TECHNOLOGY HLDGS INC | COM | 82967H101 | 2,943 | 97,676 SH | | X | |
| SKYWORKS SOLUTIONS INC | COM | 83088M102 | 93 | 13,200 SH | | X | |
| SMITH A O | COM | 831865209 | 125 | 4,383 SH | | X | |
| SMITH A O | COM | 831865209 | 228 | 8,000 SH | | | X |
| SMITH MICRO SOFTWARE INC | COM | 832154108 | 295 | 44,000 SH | | X | |
| SMUCKER J M CO | COM NEW | 832696405 | 64 | 1,316 SH | | X | |
| SMUCKER J M CO | COM NEW | 832696405 | 318 | 6,558 SH | | | X |
| SNAP ON INC | COM | 833034101 | 20,240 | 560,352 SH | | X | |
| SNAP ON INC | COM | 833034101 | 330 | 9,140 SH | | | X |
| SOMANETICS CORP | COM NEW | 834445405 | 1,812 | 72,499 SH | | X | |
| SONOSITE INC | COM | 83568G104 | 1,851 | 62,381 SH | | X | |
| SOUTHERN CO | COM | 842587107 | 5,281 | 147,678 SH | | X | |
| SOUTHERN CO | COM | 842587107 | 544 | 15,202 SH | | | X |
| SOUTHWESTERN ENERGY CO | COM | 845467109 | 716 | 9,755 SH | | X | |
| SOVEREIGN BANCORP INC | COM | 845905108 | 682 | 30,923 SH | | X | |
| SPORTSMANS GUIDE INC | COM NEW | 848907200 | 218 | 8,000 SH | | X | |
| SPRINT NEXTEL CORP | COM FON | 852061100 | 9,542 | 401,264 SH | | X | |
| SPRINT NEXTEL CORP | COM FON | 852061100 | 296 | 12,456 SH | | | X |
| STAMPS COM INC | COM NEW | 852857200 | 896 | 52,073 SH | | X | |
| STAPLES INC | COM | 855030102 | 2,103 | 98,637 SH | | X | |
| STAPLES INC | COM | 855030102 | 59 | 2,772 SH | | | X |
| STARBUCKS CORP | COM | 855244109 | 1,436 | 28,663 SH | | X | |
| STARBUCKS CORP | COM | 855244109 | 73 | 1,450 SH | | | X |
| STARWOOD HOTELS&RESORTS WRLD | PAIRED CTF | 85590A203 | 3,023 | 52,876 SH | | X | |
| STARWOOD HOTELS&RESORTS WRLD | PAIRED CTF | 85590A203 | 60 | 1,055 SH | | | X |
| STATE STR CORP | COM | 857477103 | 9,699 | 198,257 SH | | X | |
| STATE STR CORP | COM | 857477103 | 16 | 332 SH | | | X |
| STORA ENSO CORP | SPON ADR REP R | 86210M106 | 1,035 | 74,840 SH | | X | |
| STORA ENSO CORP | SPON ADR REP R | 86210M106 | 150 | 10,838 SH | | | X |
| STRYKER CORP | COM | 863667101 | 561 | 11,342 SH | | X | |
| STRYKER CORP | COM | 863667101 | 550 | 11,130 SH | | | X |
| SUN MICROSYSTEMS INC | COM | 866810104 | 31 | 7,965 SH | | X | |
| SUN MICROSYSTEMS INC | COM | 866810104 | 34 | 8,560 SH | | | X |
| SUNCOR ENERGY INC | COM | 867229106 | 6 | 100 SH | | X | |
| SUNCOR ENERGY INC | COM | 867229106 | 259 | 4,281 SH | | | X |
| SUNOCO INC | COM | 86764P109 | 6,563 | 83,924 SH | | X | |
| SUNOCO INC | COM | 86764P109 | 42 | 534 SH | | | X |
| SUNTRUST BKS INC | COM | 867914103 | 4,054 | 58,374 SH | | X | |
| SUNTRUST BKS INC | COM | 867914103 | 87 | 1,254 SH | | | X |
| SUPERVALU INC | COM | 868536103 | 272 | 8,747 SH | | X | |
| SUPERVALU INC | COM | 868536103 | 17 | 545 SH | | | X |
| SURMODICS INC | COM | 868873100 | 269 | 6,965 SH | | X | |
| SWIFT TRANSN CO | COM | 870756103 | 4,331 | 244,678 SH | | X | |
| SWISSCOM AG | SPONSORED ADR | 871013108 | 312 | 9,510 SH | | | X |
| SYMANTEC CORP | COM | 871503108 | 668 | 29,480 SH | | X | |
| SYMANTEC CORP | COM | 871503108 | 246 | 10,865 SH | | | X |
| SYMMETRY MED INC | COM | 871546206 | 1,975 | 83,315 SH | | X | |

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| | | | | | | | |
|-----------------------------|----------------|-----------|--------|---------|----|---|---|
| SYNOPSYS INC | COM | 871607107 | 10,356 | 547,927 | SH | X | |
| SYNOVUS FINL CORP | COM | 87161C105 | 1,911 | 68,945 | SH | X | |
| SYNOVUS FINL CORP | COM | 87161C105 | 6 | 211 | SH | | X |
| SYSCO CORP | COM | 871829107 | 702 | 22,379 | SH | X | |
| SYSCO CORP | COM | 871829107 | 182 | 5,789 | SH | | X |
| TCF FINL CORP | COM | 872275102 | 982 | 36,702 | SH | X | |
| TCF FINL CORP | COM | 872275102 | 47 | 1,760 | SH | | X |
| TECO ENERGY INC | COM | 872375100 | 1,572 | 87,225 | SH | X | |
| TECO ENERGY INC | COM | 872375100 | 14 | 800 | SH | | X |
| TEPPCO PARTNERS L P | UT LTD PARTNER | 872384102 | 170 | 4,185 | SH | X | |
| TEPPCO PARTNERS L P | UT LTD PARTNER | 872384102 | 41 | 1,000 | SH | | X |
| TJX COS INC NEW | COM | 872540109 | 342 | 16,723 | SH | X | |
| TJX COS INC NEW | COM | 872540109 | 24 | 1,155 | SH | | X |
| TNT N V | SPONSORED ADR | 87260W101 | 267 | 10,659 | SH | | X |
| TNS INC | COM | 872960109 | 2,526 | 104,162 | SH | X | |
| TXU CORP | COM | 873168108 | 777 | 6,881 | SH | X | |
| TXU CORP | COM | 873168108 | 28 | 249 | SH | | X |
| TARGET CORP | COM | 87612E106 | 4,492 | 86,502 | SH | X | |
| TARGET CORP | COM | 87612E106 | 1,936 | 37,290 | SH | | X |
| TELECOM ITALIA S P A NEW | SPON ADR SVGS | 87927Y201 | 374 | 13,558 | SH | | X |
| TEXAS INSTRS INC | COM | 882508104 | 2,403 | 70,893 | SH | X | |
| TEXAS INSTRS INC | COM | 882508104 | 826 | 24,359 | SH | | X |
| TEXTRON INC | COM | 883203101 | 2,169 | 30,245 | SH | X | |
| TEXTRON INC | COM | 883203101 | 12 | 169 | SH | | X |
| THERMO ELECTRON CORP | COM | 883556102 | 284 | 9,180 | SH | X | |
| THERMO ELECTRON CORP | COM | 883556102 | 10 | 326 | SH | | X |
| THIRD WAVE TECHNOLOGIES INC | COM | 88428W108 | 7 | 1,500 | SH | X | |
| THIRD WAVE TECHNOLOGIES INC | COM | 88428W108 | 188 | 38,000 | SH | | X |
| 3M CO | COM | 88579Y101 | 24,544 | 334,570 | SH | X | |
| 3M CO | COM | 88579Y101 | 4,543 | 61,930 | SH | | X |
| TIFFANY & CO NEW | COM | 886547108 | 575 | 14,455 | SH | X | |
| TIFFANY & CO NEW | COM | 886547108 | 8 | 198 | SH | | X |
| TIME WARNER INC | COM | 887317105 | 11,533 | 636,809 | SH | X | |
| TIME WARNER INC | COM | 887317105 | 835 | 46,129 | SH | | X |
| TOMKINS PLC | SPONSORED ADR | 890030208 | 227 | 11,048 | SH | | X |
| TORCHMARK CORP | COM | 891027104 | 364 | 6,889 | SH | X | |
| TORCHMARK CORP | COM | 891027104 | 12 | 221 | SH | | X |
| TOREADOR RES CORP | COM | 891050106 | 2,766 | 78,128 | SH | X | |
| TOWER GROUP INC | COM | 891777104 | 1,890 | 125,014 | SH | X | |
| TOWER GROUP INC | COM | 891777104 | 11 | 760 | SH | | X |
| TRAMMELL CROW CO | COM | 89288R106 | 1,544 | 62,560 | SH | X | |
| TRIAD HOSPITALS INC | COM | 89579K109 | 785 | 17,333 | SH | X | |

REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|----------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| TRIBUNE CO NEW | COM | 896047107 | 9,672 | 285,387 | SH | X | |
| TRIBUNE CO NEW | COM | 896047107 | 268 | 7,904 | SH | | X |

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| | | | | | | | |
|------------------------------|----------------|-----------|--------|-----------|----|---|---|
| TUPPERWARE CORP | COM | 899896104 | 186 | 8,182 | SH | X | |
| TUPPERWARE CORP | COM | 899896104 | 617 | 27,073 | SH | | X |
| 24/7 REAL MEDIA INC | COM NEW | 901314203 | 1,284 | 182,337 | SH | X | |
| TYCO INTL LTD NEW | COM | 902124106 | 4,611 | 165,574 | SH | X | |
| TYCO INTL LTD NEW | COM | 902124106 | 513 | 18,414 | SH | | X |
| UST INC | COM | 902911106 | 3,283 | 78,438 | SH | X | |
| UST INC | COM | 902911106 | 105 | 2,516 | SH | | X |
| US BANCORP DEL | COM NEW | 902973304 | 15,890 | 565,883 | SH | X | |
| US BANCORP DEL | COM NEW | 902973304 | 2,936 | 104,548 | SH | | X |
| UNION PAC CORP | COM | 907818108 | 744 | 10,379 | SH | X | |
| UNION PAC CORP | COM | 907818108 | 189 | 2,634 | SH | | X |
| UNITED PARCEL SERVICE INC | CL B | 911312106 | 10,592 | 153,213 | SH | X | |
| UNITED PARCEL SERVICE INC | CL B | 911312106 | 424 | 6,136 | SH | | X |
| UNITED TECHNOLOGIES CORP | COM | 913017109 | 5,189 | 100,092 | SH | X | |
| UNITED TECHNOLOGIES CORP | COM | 913017109 | 1,011 | 19,508 | SH | | X |
| UNITED UTILS PLC | SPONSORED ADR | 91311Q105 | 349 | 14,877 | SH | | X |
| UNITEDHEALTH GROUP INC | COM | 91324P102 | 4,379 | 77,913 | SH | X | |
| UNITEDHEALTH GROUP INC | COM | 91324P102 | 203 | 3,607 | SH | | X |
| UNITRIN INC | COM | 913275103 | 724 | 15,256 | SH | X | |
| UNIVISION COMMUNICATIONS INC | CL A | 914906102 | 447 | 16,835 | SH | X | |
| UNIVISION COMMUNICATIONS INC | CL A | 914906102 | 7 | 250 | SH | | X |
| URBAN OUTFITTERS INC | COM | 917047102 | 1,015 | 34,528 | SH | X | |
| V F CORP | COM | 918204108 | 1,161 | 20,027 | SH | X | |
| V F CORP | COM | 918204108 | 4 | 63 | SH | | X |
| VALERO ENERGY CORP NEW | COM | 91913Y100 | 9,319 | 82,421 | SH | X | |
| VALERO ENERGY CORP NEW | COM | 91913Y100 | 243 | 2,152 | SH | | X |
| VASCO DATA SEC INTL INC | COM | 92230Y104 | 1,181 | 130,233 | SH | X | |
| VECTREN CORP | COM | 92240G101 | 203 | 7,169 | SH | X | |
| VECTREN CORP | COM | 92240G101 | 6 | 200 | SH | | X |
| VANGUARD INDEX TR | STK MRK VIPERS | 922908769 | 554 | 4,568 | SH | X | |
| VERISIGN INC | COM | 92343E102 | 814 | 38,077 | SH | X | |
| VERISIGN INC | COM | 92343E102 | 3 | 130 | SH | | X |
| VERIZON COMMUNICATIONS | COM | 92343V104 | 36,095 | 1,104,164 | SH | X | |
| VERIZON COMMUNICATIONS | COM | 92343V104 | 2,416 | 73,899 | SH | | X |
| VIACOM INC | CL B | 925524308 | 1,281 | 38,801 | SH | X | |
| VIACOM INC | CL B | 925524308 | 541 | 16,403 | SH | | X |
| VODAFONE GROUP PLC NEW | SPONSORED ADR | 92857W100 | 386 | 14,858 | SH | X | |
| VODAFONE GROUP PLC NEW | SPONSORED ADR | 92857W100 | 51 | 1,945 | SH | | X |
| WPS RESOURCES CORP | COM | 92931B106 | 2,361 | 40,854 | SH | X | |
| WPS RESOURCES CORP | COM | 92931B106 | 335 | 5,800 | SH | | X |
| WACHOVIA CORP 2ND NEW | COM | 929903102 | 13,858 | 291,195 | SH | X | |
| WACHOVIA CORP 2ND NEW | COM | 929903102 | 505 | 10,607 | SH | | X |
| WACOAL HOLDINGS CORP | ADR | 930004205 | 295 | 4,487 | SH | | X |
| WAL MART STORES INC | COM | 931142103 | 21,201 | 483,820 | SH | X | |
| WAL MART STORES INC | COM | 931142103 | 3,104 | 70,824 | SH | | X |
| WALGREEN CO | COM | 931422109 | 19,817 | 456,079 | SH | X | |
| WALGREEN CO | COM | 931422109 | 6,513 | 149,890 | SH | | X |
| WASHINGTON MUT INC | COM | 939322103 | 6,527 | 166,421 | SH | X | |
| WASHINGTON MUT INC | COM | 939322103 | 132 | 3,369 | SH | | X |
| WASTE CONNECTIONS INC | COM | 941053100 | 752 | 21,446 | SH | X | |
| WASTE MGMT INC DEL | COM | 94106L109 | 221 | 7,741 | SH | X | |
| WASTE MGMT INC DEL | COM | 94106L109 | 360 | 12,577 | SH | | X |
| WATERS CORP | COM | 941848103 | 333 | 8,004 | SH | X | |
| WATERS CORP | COM | 941848103 | 15 | 352 | SH | | X |
| WATSON WYATT & CO HLDGS | CL A | 942712100 | 11,536 | 428,066 | SH | X | |
| WATSON WYATT & CO HLDGS | CL A | 942712100 | 3 | 105 | SH | | X |
| WAUSAU PAPER CORP | COM | 943315101 | 2,545 | 203,406 | SH | X | |
| WAUSAU PAPER CORP | COM | 943315101 | 3,274 | 261,726 | SH | | X |
| WEBSIDESTORY INC | COM | 947685103 | 1,192 | 67,283 | SH | X | |
| WEINGARTEN RLTY INVS | SH BEN INT | 948741103 | 12 | 325 | SH | X | |
| WEINGARTEN RLTY INVS | SH BEN INT | 948741103 | 587 | 15,499 | SH | | X |
| WELLCARE HEALTH PLANS INC | COM | 94946T106 | 2,316 | 62,497 | SH | X | |

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| | | | | | | | |
|-----------------------------|-----|-----------|--------|---------|----|---|---|
| WELLPOINT INC | COM | 94973V107 | 11,044 | 145,659 | SH | X | |
| WELLPOINT INC | COM | 94973V107 | 48 | 632 | SH | | X |
| WELLS FARGO & CO NEW | COM | 949746101 | 44,490 | 759,611 | SH | X | |
| WELLS FARGO & CO NEW | COM | 949746101 | 3,564 | 60,858 | SH | | X |
| WENDYS INTL INC | COM | 950590109 | 852 | 18,877 | SH | X | |
| WENDYS INTL INC | COM | 950590109 | 2 | 36 | SH | | X |
| WESCO INTL INC | COM | 95082P105 | 1,411 | 41,662 | SH | X | |
| WESCO INTL INC | COM | 95082P105 | 6 | 186 | SH | | X |
| WEYERHAEUSER CO | COM | 962166104 | 17,684 | 257,228 | SH | X | |
| WEYERHAEUSER CO | COM | 962166104 | 1,975 | 28,726 | SH | | X |
| WHIRLPOOL CORP | COM | 963320106 | 452 | 5,967 | SH | X | |
| WHIRLPOOL CORP | COM | 963320106 | 384 | 5,071 | SH | | X |
| WHITEHALL JEWELLERS INC | COM | 965063100 | 34 | 20,000 | SH | X | |
| WHOLE FOODS MKT INC | COM | 966837106 | 2,626 | 19,529 | SH | X | |
| WILLIAMS COS INC DEL | COM | 969457100 | 572 | 22,835 | SH | X | |
| WILLIAMS COS INC DEL | COM | 969457100 | 143 | 5,699 | SH | | X |
| WILLIAMS SONOMA INC | COM | 969904101 | 898 | 23,403 | SH | X | |
| WILSONS THE LEATHER EXPERTS | COM | 972463103 | 2,033 | 333,222 | SH | X | |
| WIND RIVER SYSTEMS INC | COM | 973149107 | 2,733 | 211,341 | SH | X | |
| WIND RIVER SYSTEMS INC | COM | 973149107 | 29 | 2,250 | SH | | X |
| WISCONSIN ENERGY CORP | COM | 976657106 | 4,366 | 109,374 | SH | X | |
| WISCONSIN ENERGY CORP | COM | 976657106 | 1,440 | 36,083 | SH | | X |
| WRIGLEY WM JR CO | COM | 982526105 | 2,255 | 31,366 | SH | X | |
| WRIGLEY WM JR CO | COM | 982526105 | 1,976 | 27,488 | SH | | X |
| WYETH | COM | 983024100 | 10,940 | 236,443 | SH | X | |

REPORT PTR289

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|------------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| WYETH | COM | 983024100 | 2,330 | 50,348 | SH | | X |
| XM SATELLITE RADIO HLDGS INC | CL A | 983759101 | 1,376 | 38,314 | SH | X | |
| XM SATELLITE RADIO HLDGS INC | CL A | 983759101 | 13 | 360 | SH | | X |
| XTO ENERGY INC | COM | 98385X106 | 3,505 | 77,332 | SH | X | |
| XTO ENERGY INC | COM | 98385X106 | 369 | 8,139 | SH | | X |
| XCEL ENERGY INC | COM | 98389B100 | 10,980 | 559,913 | SH | X | |
| XCEL ENERGY INC | COM | 98389B100 | 134 | 6,808 | SH | | X |
| XILINX INC | COM | 983919101 | 217 | 7,807 | SH | X | |
| XILINX INC | COM | 983919101 | 6 | 208 | SH | | X |
| XEROX CORP | COM | 984121103 | 12,055 | 883,134 | SH | X | |
| XEROX CORP | COM | 984121103 | 1 | 41 | SH | | X |
| YAHOO INC | COM | 984332106 | 5,571 | 164,617 | SH | X | |
| YAHOO INC | COM | 984332106 | 95 | 2,795 | SH | | X |
| YUBET COM INC | COM | 987413101 | 597 | 104,123 | SH | X | |
| YUM BRANDS INC | COM | 988498101 | 503 | 10,389 | SH | X | |
| YUM BRANDS INC | COM | 988498101 | 160 | 3,310 | SH | | X |
| ZIMMER HLDGS INC | COM | 98956P102 | 3,492 | 50,686 | SH | X | |
| ZIMMER HLDGS INC | COM | 98956P102 | 609 | 8,835 | SH | | X |
| ZIONS BANCORPORATION | COM | 989701107 | 215 | 3,025 | SH | X | |

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| | | | | | |
|----------------------|-----|-----------|-----|-----------|---|
| ZIONS BANCORPORATION | COM | 989701107 | 3 | 40 SH | X |
| ZOLTEK COS INC | COM | 98975W104 | 455 | 34,600 SH | X |

| | | | | | |
|--------------|--|--|-------|-----------|--|
| FINAL TOTALS | | | ----- | 4,049,172 | |
| | | | ===== | | |

| | | | | | |
|--|--|--|-------|-------|--|
| FORM 13F INFORMATION TABLE ENTRY TOTAL | | | | 1,356 | |
| | | | ===== | | |

REPORT PTR289 9W

M&I INVESTMENT MANAGEMENT CORP
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|-----------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| COOPER INDS LTD | CL A | G24182100 | 380 | 5,500 SH | | | X |
| XL CAP LTD | CL A | G98255105 | 363 | 5,330 SH | | | X |
| ABBOTT LABS | COM | 002824100 | 386 | 9,110 SH | | | X |
| ALTRIA GROUP INC | COM | 02209S103 | 377 | 5,110 SH | | | X |
| AMERISOURCEBERGEN CORP | COM | 03073E105 | 323 | 4,180 SH | | | X |
| ASSOCIATED BANC CORP | COM | 045487105 | 293 | 9,600 SH | | | X |
| BB&T CORP | COM | 054937107 | 351 | 8,994 SH | | | X |
| BANK OF AMERICA CORPORATION | COM | 060505104 | 773 | 18,362 SH | | | X |
| BELLSOUTH CORP | COM | 079860102 | 392 | 14,895 SH | | | X |
| CHEVRON CORP NEW | COM | 166764100 | 825 | 12,752 SH | | | X |
| CITIGROUP INC | COM | 172967101 | 784 | 17,228 SH | | | X |
| DEL MONTE FOODS CO | COM | 24522P103 | 126 | 11,740 SH | | | X |
| DEVELOPERS DIVERSIFIED RLTY | COM | 251591103 | 416 | 8,905 SH | | | X |
| DOMINION RES INC VA NEW | COM | 25746U109 | 441 | 5,120 SH | | | X |
| DOW CHEM CO | COM | 260543103 | 426 | 10,225 SH | | | X |
| EASTMAN CHEM CO | COM | 277432100 | 353 | 7,524 SH | | | X |
| EXELON CORP | COM | 30161N101 | 285 | 5,341 SH | | | X |
| EXXON MOBIL CORP | COM | 30231G102 | 726 | 11,430 SH | | | X |
| GENERAL ELEC CO | COM | 369604103 | 725 | 21,540 SH | | | X |
| GENERAL GROWTH PPTYS INC | COM | 370021107 | 512 | 11,390 SH | | | X |
| GILLETTE CO COM | | 375766102 | 210 | 3,600 SH | | | X |
| ISTAR FINL INC | COM | 45031U101 | 353 | 8,740 SH | | | X |
| INLAND REAL ESTATE CORP | COM NEW | 457461200 | 298 | 19,000 SH | | | X |
| ISHARES TR | RUSSELL MCP GR | 464287481 | 3,429 | 37,620 SH | | | X |
| ISHARES TR | RUSL 2000 GROW | 464287648 | 4,100 | 59,600 SH | | | X |
| JPMORGAN & CHASE & CO | COM | 46625H100 | 713 | 21,023 SH | | | X |
| JOURNAL COMMUNICATIONS INC | CL A | 481130102 | 178 | 11,914 SH | | | X |
| KERR MCGEE CORP | COM | 492386107 | 573 | 5,900 SH | | | X |
| KINDER MORGAN INC KANS | COM | 49455P101 | 220 | 2,289 SH | | | X |
| LOWES COS INC | COM | 548661107 | 283 | 4,390 SH | | | X |
| MANPOWER INC | COM | 56418H100 | 209 | 4,710 SH | | | X |
| MERCK & CO INC | COM | 589331107 | 585 | 21,511 SH | | | X |
| MICROSOFT CORP | COM | 594918104 | 260 | 10,101 SH | | | X |
| MOLSON COORS BREWING CO | CL B | 60871R209 | 224 | 3,505 SH | | | X |
| PPG INDS INC | COM | 693506107 | 279 | 4,720 SH | | | X |
| PPL CORP | COM | 69351T106 | 447 | 13,822 SH | | | X |

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| | | | | | |
|-----------------------------|------------|-----------|-----|-----------|---|
| PARKER HANNIFIN CORP | COM | 701094104 | 224 | 3,480 SH | X |
| PITNEY BOWES INC | COM | 724479100 | 289 | 6,930 SH | X |
| PUBLIC SVC ENTERPRISE GROUP | COM | 744573106 | 233 | 3,613 SH | X |
| RPM INTL INC | COM | 749685103 | 305 | 16,600 SH | X |
| SBC COMMUNICATIONS INC | COM | 78387G103 | 584 | 24,349 SH | X |
| ST PAUL TRAVELERS INC | COM | 792860108 | 319 | 7,100 SH | X |
| SIMON PTY GROUP INC NEW | COM | 828806109 | 469 | 6,328 SH | X |
| STANLEY WKS | COM | 854616109 | 345 | 7,400 SH | X |
| US BANCORP DEL | COM NEW | 902973304 | 448 | 15,937 SH | X |
| VERIZON COMMUNICATIONS | COM | 92343V104 | 638 | 19,503 SH | X |
| VORNADO RLTY TR | SH BEN INT | 929042109 | 491 | 5,670 SH | X |
| WACHOVIA CORP 2ND NEW | COM | 929903102 | 546 | 11,468 SH | X |
| WASHINGTON MUT INC | COM | 939322103 | 350 | 8,933 SH | X |
| WELLS FARGO & CO NEW | COM | 949746101 | 741 | 12,644 SH | X |

FINAL TOTALS

27,600

FORM 13F INFORMATION TABLE ENTRY TOTAL

50

REPORT PTR289 7R

M&I NATIONAL TRUST
SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 09/30/2005

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

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCR | | |
|----------------|----------------------|-------|------------------------------|--------------------|-----------------------------|---------|---------|
| | | | | | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTH (C) |
| ----- | | | | | | | |

NO REPORT RECORDS EXIST FOR THIS REQUEST