

MWRD RETIREMENT FUND EQUITY TRANSACTIONS - NOVEMBER 2018

PURCHASES	SHARES	PURCHASES	SHARES
ACUITY BRANDS INC	440	HERSHA HOSPITALITY TRUST	2,022
AEGON NV	4,897	HUDBAY MINERALS INC	1,992
AIRBUS SE	684	IBERDROLA SA	6,255
ALLIANZ SE	291	ICF INTERNATIONAL INC	1,385
ALLY FINANCIAL INC	1,232	INCHCAPE PLC	3,900
ALTRA INDUSTRIAL MOTION CORP	5,804	INNOVIVA INC	1,383
AMGEN INC	668	INPHI CORP	7,100
AMN HEALTHCARE SERVICES INC	2,422	INVESTORS BANCORP INC	4,387
ANI PHARMACEUTICALS INC	686	ISHARES MSCI CHINA ETF	2,943
ARCH COAL INC	2,236	ISHARES MSCI INDIA ETF	2,603
AXA SA	2,438	ISHARES MSCI MALAYSIA ETF	774
BANK OF AMERICA CORP	3,343	ISHARES MSCI POLAND ETF	6,305
BANK OF MARIN BANCORP	364	ISHARES MSCI SOUTH AFRICA ET	654
BANNER CORP	183	JUNIPER NETWORKS INC	994
BASF SE	4,498	KASIKORNBANK PCL	1,436
BAYER AG	6,247	KDDI CORP	6,400
BAYERISCHE MOTOREN WERKE AG	553	KERING SA	170
BNP PARIBAS SA	1,163	KLEPIERRE SA	1,338
BOK FINANCIAL CORP	2,668	KNIGHT-SWIFT TRANSPORTATION	8,862
BRANDYWINE REALTY TRUST	1,700	KONINKLIJKE AHOLD DELHAIZE NV	3,076
CARDINAL HEALTH INC	1,707	KROGER CO/THE	7,014
CARREFOUR SA	2,289	LANTHEUS HOLDINGS INC	15,190
CASINO GUICHARD PERRACHON SA	1,057	LARSEN & TOUBRO LTD	3,549
CENTRICA PLC	62,984	LAZARD LTD	10,200
CHARTER COMMUNICATIONS INC	133	LGI HOMES INC	1,391
CHEESECAKE FACTORY INC/THE	7,621	LIGAND PHARMACEUTICALS INC	175
CHUNGHWA TELECOM CO LTD	1,835	LITTELFUSE INC	4,000
CHURCH & DWIGHT CO INC	10,625	LOVESAC CO/THE	5,358
CIA CERVECERIAS UNIDAS SA	3,906	LVMH MOET HENNESSY LOUIS VUITT	398
CISCO SYSTEMS INC	3,085	MANULIFE FINANCIAL CORP	3,275
CITRIX SYSTEMS INC	329	MATADOR RESOURCES CO	985
COCA-COLA EUROPEAN PARTNERS PL	982	MEG ENERGY CORP	3,748
CONTINENTAL AG	291	MERIDIAN BIOSCIENCE INC	9,092
COVESTRO AG	3,258	METRO AG	4,987
DAIMLER AG	530	MFA FINANCIAL INC	33,414
DELUXE CORP	2,969	MOLSON COORS BREWING CO	1,100
DEUTSCHE WOHNEN SE	998	MOOG INC	260
EAGLE PHARMACEUTICALS INC/DE	1,216	NATIONAL GRID PLC	2,819
ENBRIDGE INC	1,154	NATIONAL HEALTH INVESTORS INC	4,220
ENCORE WIRE CORP	277	NATIXIS SA	6,586
ENDESA SA	8,591	NINE ENERGY SERVICE INC	4,510
ENDO INTERNATIONAL PLC	19,322	NOVO NORDISK A/S	7,674
ENEL SPA	9,129	NUVASIVE INC	5,460
ENGIE SA	8,917	PACKAGING CORP OF AMERICA	1,700
EQUINIX INC	1,590	PATTERSON-UTI ENERGY INC	1,190
ESSENTIAL PROPERTIES REALTY TR	795	PCM INC	3,254
EVERTEC INC	12,579	PEUGEOT SA	3,479
FANUC CORP	500	PHILLIPS 66	798
FB FINANCIAL CORP	8,565	PIEDMONT OFFICE REALTY TRUST I	2,615
FRANKLIN FINANCIAL NETWORK INC	682	PINNACLE FINANCIAL PARTNERS IN	875
FRANKLIN RESOURCES INC	7,536	POLA ORBIS HOLDINGS INC	2,600
FRESENIUS MEDICAL CARE AG & CO	1,860	QUALCOMM INC	2,451
FTI CONSULTING INC	9,639	RANGE RESOURCES CORP	7,815
GREAT SOUTHERN BANCORP INC	747	RECKITT BENCKISER GROUP PLC	945
GREENHILL & CO INC	6,049	RENAULT SA	623
HANOVER INSURANCE GROUP INC/TH	420	ROGERS COMMUNICATIONS INC	817
HAWAIIAN HOLDINGS INC	6,178	RWE AG	5,997
HERITAGE INSURANCE HOLDINGS IN	2,471	SAIA INC	510

PURCHASES	SHARES	SALES	SHARES
SAMSUNG ELECTRONICS CO LTD	102	CATCHMARK TIMBER TRUST INC	10,522
SAP SE	692	CBS CORP	1,400
SELVAAG BOLIG ASA	8,299	CELANESE CORP	104
SIMMONS FIRST NATIONAL CORP	800	CELESTICA INC	6,048
SK TELECOM CO LTD	2,273	CENTURY ALUMINUM CO	7,640
SLEEP NUMBER CORP	3,178	CHARLES RIVER LABORATORIES INT	5,100
SOTHEBY'S	866	CHILDREN'S PLACE INC/THE	470
SOUTH STATE CORP	14,257	CHINA LIFE INSURANCE CO LTD	19,000
SPIRE HEALTHCARE GROUP PLC	5,100	CHINA MOBILE LTD	4,000
SPIRIT AEROSYSTEMS HOLDINGS IN	3,749	CISCO SYSTEMS INC	5,000
STEELCASE INC	263	CLOUD PEAK ENERGY INC	13,817
STERICYCLE INC	7,700	CNOOC LTD	29,000
SUN HYDRAULICS CORP	18,108	COCA-COLA AMATIL LTD	23,015
SYNNEX CORP	155	COLRUYT SA	1,475
TAIWAN SEMICONDUCTOR MANUFACTU	1,818	CONSOL ENERGY INC	2,505
TESCO PLC	27,083	CRA INTERNATIONAL INC	942
TEXTRON INC	944	DECKERS OUTDOOR CORP	220
TOTAL SA	2,572	DEUTSCHE BANK AG	23,547
TYSON FOODS INC	10,225	DEUTSCHE BOERSE AG	622
UNICREDIT SPA	2,396	DISCOVER FINANCIAL SERVICES	1,900
UNION PACIFIC CORP	277	DORMAN PRODUCTS INC	1,621
UNITED CONTINENTAL HOLDINGS IN	147	EMERA INC	1,418
VALEO SA	1,533	ENCANA CORP	3,035
VANECK VECTORS GOLD MINERS E	4,010	ENSIGN GROUP INC/THE	11,961
VANECK VECTORS JUNIOR GOLD M	2,822	EPLUS INC	190
VEOLIA ENVIRONNEMENT SA	735	EQUINOR ASA	7,269
WALGREENS BOOTS ALLIANCE INC	901	EVERI HOLDINGS INC	17,110
WESTON (GEORGE) LTD	1,275	FABRINET	3,710
WESTROCK CO	2,800	FEDEX CORP	300
WOORI BANK	1,495	FIRST AMERICAN FINANCIAL CORP	2,700
XTRACKERS HARVEST CSI 300 CH	7,569	FONAR CORP	854
YUM! BRANDS INC	102	FRANCESCA'S HOLDINGS CORP	7,153
		GANNETT CO INC	1,518
SALES	SHARES	GENERAL MILLS INC	5,252
ADVANCED DISPOSAL SERVICES INC	2,290	GLAXOSMITHKLINE PLC	37,943
AETNA INC	7,125	GREENBRIER COS INC/THE	7,675
AFLAC INC	3,000	HACKETT GROUP INC/THE	9,501
ALIMENTATION COUCHE-TARD INC	563	HARTFORD FINANCIAL SERVICES GR	6,270
ALLIANCE PHARMA PLC	7,300	HCA HEALTHCARE INC	800
ANIXTER INTERNATIONAL INC	6,202	HELEN OF TROY LTD	520
ANTHEM INC	1,100	HIBBETT SPORTS INC	257
APPLE INC	450	HOULIHAN LOKEY INC	2,100
ARBOR REALTY TRUST INC	21,355	II-VI INC	7,090
ASSOCIATED BANC-CORP	5,092	ILLINOIS TOOL WORKS INC	1,100
ASTRAZENECA PLC	12,494	INGEVITY CORP	905
ATN INTERNATIONAL INC	203	INTERNATIONAL SPEEDWAY CORP	10,300
AXOS FINANCIAL INC	4,206	INTERPUBLIC GROUP OF COS INC/T	11,100
BANK OF AMERICA CORP	9,600	ISHARES MSCI CHINA ETF	38,504
BLACKSTONE GROUP LP/THE	1,000	ISHARES MSCI EMERGING MARKET	17,670
BOK FINANCIAL CORP	900	ITT INC	760
BORGWARNER INC	2,300	JM SMUCKER CO/THE	1,200
BP PLC	86,551	JOHNSON & JOHNSON	3,200
BRISTOW GROUP INC	4,200	JONES LANG LASALLE INC	100
CACI INTERNATIONAL INC	300	JPMORGAN CHASE & CO	4,200
CANADIAN NATURAL RESOURCES LTD	3,046	K12 INC	1,298
CARDINAL HEALTH INC	1,200	KENNAMETAL INC	3,400

SALES	SHARES	SALES	SHARES
KEYSIGHT TECHNOLOGIES INC	2,000	SYSCO CORP	4,871
KKR & CO INC	1,300	TARGET CORP	5,192
LABORATORY CORP OF AMERICA HOL	800	TECH DATA CORP	3,625
LAZARD LTD	2,700	TELEPHONE & DATA SYSTEMS INC	646
LHC GROUP INC	1,767	THERMO FISHER SCIENTIFIC INC	2,500
LITTELFUSE INC	300	TRICON CAPITAL GROUP INC	3,245
LUKOIL PJSC	1,987	TRUEBLUE INC	1,892
LYONDELLBASELL INDUSTRIES NV	1,176	TTM TECHNOLOGIES INC	21,105
MADISON SQUARE GARDEN CO/THE	100	UNIVERSAL INSURANCE HOLDINGS I	211
MARCUS & MILLICHAP INC	1,483	US SILICA HOLDINGS INC	3,400
MARUBENI CORP	4,500	USANA HEALTH SCIENCES INC	117
MATTEL INC	6,800	UTILITYWISE PLC	1,474
MEG ENERGY CORP	3,748	VERINT SYSTEMS INC	7,295
MICROSOFT CORP	975	VIACOM INC	1,000
MILACRON HOLDINGS CORP	7,405	WENDY'S CO/THE	9,600
MIQUEL Y COSTAS & MIQUEL SA	3,700	WESCO INTERNATIONAL INC	20,064
mitsui & CO LTD	4,600	WESTERN UNION CO/THE	3,300
MOLINA HEALTHCARE INC	2,193	WILDHORSE RESOURCE DEVELOPMENT	3,145
MSG NETWORKS INC	3,400	WILLIS TOWERS WATSON PLC	600
MYRIAD GENETICS INC	4,902	WORLD ACCEPTANCE CORP	800
NATIONAL OILWELL VARCO INC	1,300	XTRACKERS HARVEST CSI 300 CH	22,047
NATIONAL STORAGE AFFILIATES TR	15,769	ZIMMER BIOMET HOLDINGS INC	1,100
NIELSEN HOLDINGS PLC	3,000	ZUMIEZ INC	340
NORDSTROM INC	7,200		
NORTHERN TRUST CORP	1,300		
NUANCE COMMUNICATIONS INC	3,360		
NXP SEMICONDUCTORS NV	1,021		
OLYMPIC STEEL INC	544		
OMNICOM GROUP INC	1,500		
ORKLA ASA	5,950		
PAPELES Y CARTONES DE EUROPA S	2,602		
PEBBLEBROOK HOTEL TRUST	3,804		
PFIZER INC	7,200		
PNC FINANCIAL SERVICES GROUP I	1,800		
POINTS INTERNATIONAL LTD	2,341		
POLYONE CORP	1,487		
PROCTER & GAMBLE CO/THE	4,000		
PROGRESSIVE CORP/THE	1,300		
PROSIEBENSAT.1 MEDIA SE	3,739		
PROTO LABS INC	3,957		
PROVIDENCE SERVICE CORP/THE	935		
PULTEGROUP INC	2,772		
RANDGOLD RESOURCES LTD	3,339		
REX AMERICAN RESOURCES CORP	384		
ROYAL DUTCH SHELL PLC	34,268		
SAIA INC	4,435		
SELECT MEDICAL HOLDINGS CORP	3,050		
SHUTTERSTOCK INC	11,744		
SNAP-ON INC	500		
SPX FLOW INC	7,055		
STANLEY BLACK & DECKER INC	1,000		
STERICYCLE INC	1,800		
SUMITOMO CORP	2,400		
SUN LIFE FINANCIAL INC	1,104		
SUPERNUS PHARMACEUTICALS INC	1,605		
SWISS PRIME SITE AG	1,313		
SYNEOS HEALTH INC	555		