

<u>CHAPTER ONE: INTRODUCTION</u> .....	1
<u>STUDY GOALS AND OBJECTIVES</u> .....	1
<u>REASONS FOR DOING THE STUDY</u> .....	1
<u>SCOPE OF REPORT</u> .....	1
<u>METHODOLOGY</u> .....	2
<u>RELATED BCC MARKET RESEARCH REPORTS</u> .....	2
<u>ANALYST CREDENTIALS</u> .....	3
<u>BCC ONLINE SERVICES</u> .....	3
<u>DISCLAIMER</u> .....	4
<u>CHAPTER TWO: SUMMARY</u> .....	5
<u>MAJOR MARKETS AND INTRODUCTION</u> .....	5
<u>SUMMARY TABLE TOTAL ADVANCED WOUND CARE MARKET BY     SELECTED SEGMENT, THROUGH 2013 (\$ MILLIONS)</u> .....	6
<u>SUMMARY FIGURE TOTAL ADVANCED WOUND CARE MARKET BY     SELECTED SEGMENT, 2006-2013 (\$ MILLIONS)</u> .....	6
<u>CHAPTER THREE: INDUSTRY OVERVIEW</u> .....	7
<u>HISTORICAL WOUND CARE OVERVIEW</u> .....	7
<u>HISTORICAL WOUND CARE OVERVIEW (CONTINUED)</u> .....	8
<u>THE PROCESS OF WOUND HEALING</u> .....	9
<u>STAGES OF HEALING</u> .....	10
<u>Inflammatory Phase</u> .....	10
<u>Destructive Phase</u> .....	11
<u>Proliferative Phase</u> .....	11
<u>Maturation</u> .....	12
<u>Healing by Secondary Intention</u> .....	12
<u>Factors Affecting Wound Healing</u> .....	13
<u>GENERAL HEALTH AFFECTING WOUND HEALING</u> .....	13
<u>Smoking</u> .....	13
<u>Age</u> .....	13
<u>Nutritional Status</u> .....	14
<u>Obesity</u> .....	14
<u>Fluid and Electrolyte Balance</u> .....	14
<u>Immunosuppressed or Compromised Individuals</u> .....	15
<u>Drugs</u> .....	15
<u>Radiation Therapy</u> .....	15
<u>NUTRITION IN WOUND HEALING</u> .....	15
<u>TABLE 1 PATIENT HISTORY FOR NUTRITIONAL ASSESSMENT</u> .....	16
<u>Nutrition in Wound Healing (Continued)</u> .....	17
<u>COMPLICATIONS OF WOUND HEALING</u> .....	18
<u>Scarring</u> .....	18
<u>Adhesions</u> .....	19
<u>Dehiscence</u> .....	19

<u>Evisceration</u> .....	19
<u>Infection</u> .....	19
<u>Hemorrhage</u> .....	20
<u>Fistulas</u> .....	20
<u>WOUND TYPES AND DEMOGRAPHICS</u> .....	21
<u>Acute Wounds</u> .....	22
<u>Surgical Wounds/Incision</u> .....	22
<u>Traumatic Wounds</u> .....	22
<u>Lacerations</u> .....	23
<u>Abrasions</u> .....	23
<u>Contusions</u> .....	23
<u>Necrotizing Fasciitis</u> .....	23
<u>Toxic Epidermal Necrolysis</u> .....	24
<u>Chronic Wounds</u> .....	25
<u>Pressure Ulcers</u> .....	25
<u>TABLE 2 COMMON SITES FOR PRESSURE ULCER DEVELOPMENT</u> <u>(% OF OCCURRENCE)</u> .....	26
<u>TABLE 2 (CONTINUED)</u> .....	27
<u>Staging</u> .....	27
<u>TABLE 3 PRESSURE ULCER STAGING</u> .....	28
<u>Venous Insufficiency Ulcers</u> .....	28
<u>Arterial Ulcers</u> .....	29
<u>Diabetic or Neuropathic Ulcers</u> .....	30
<u>TABLE 4 ESTIMATED DIABETES INCIDENCE BY AGE GROUP, 2007</u> .....	30
<u>Diabetic or Neuropathic Ulcers (Continued)</u> .....	31
<u>Burn Wounds</u> .....	32
<u>Burn Classifications</u> .....	32
<u>TABLE 5 BURN CLASSIFICATIONS</u> .....	32
<u>TABLE 5 (CONTINUED)</u> .....	33
<u>Stages of Burn Healing</u> .....	34
<u>CONDITIONS AFFECTING THE WOUND CARE MARKET</u> .....	35
<u>TABLE 6 U.S. INCIDENCE OF SELECTED CONDITIONS AFFECTING</u> <u>THE WOUND CARE MARKET</u> .....	35
<u>FIGURE 1 U.S. INCIDENCE OF SELECTED CONDITIONS</u> <u>AFFECTING THE WOUND CARE MARKET (MILLIONS)</u> .....	36
<u>TABLE 7 ESTIMATED INCIDENCE BY AGE GROUP AND WOUND</u> <u>TYPE (%)</u> .....	36
<u>FIGURE 2 ESTIMATED INCIDENCE BY AGE GROUP AND WOUND</u> <u>TYPE (%)</u> .....	37
<u>THE AGING U.S. POPULATION</u> .....	37
<u>TABLE 8 U.S. POPULATION ESTIMATES AND PROJECTIONS BY</u> <u>AGE GROUP FOR SPECIFIC YEARS, 1900-2050 (THOUSANDS)</u> .....	38
<u>FIGURE 3 U.S. POPULATION ESTIMATES AND PROJECTIONS, BY</u> <u>AGE GROUP FOR SPECIFIC YEARS, 1900-2050 (THOUSANDS)</u> .....	38

<u>TABLE 9 ESTIMATED U.S. POPULATION BY AGE GROUP, THROUGH 2013 (THOUSANDS)</u> .....	39
<u>FIGURE 4 ESTIMATED U.S. POPULATION BY AGE GROUP, 2006-2013 (THOUSANDS)</u> .....	40
<u>GENDER AND AGE</u> .....	40
<u>TABLE 10 ESTIMATES OF ANTICIPATED U.S. LIFE EXPECTANCY AT BIRTH AND PROJECTIONS, BY GENDER, 2000-2020 (YEARS)</u> .....	41
<u>FIGURE 5 ESTIMATES OF ANTICIPATED U.S. LIFE EXPECTANCY AT BIRTH AND PROJECTIONS, BY GENDER, 2000-2020 (AGE)</u> .....	41
<u>ECONOMIC IMPACT OF WOUNDS AND WOUND MANAGEMENT</u> .....	41
<u>GOVERNMENT REGULATION OF DEVICES</u> .....	42
<u>INTERNATIONAL DEVELOPMENTS IN WOUND CARE</u> .....	43
<u>FIGURE 6 PERCENT DISTRIBUTION OF THE TOTAL WOUND CARE MARKET, BY REGION (%)</u> .....	43
<u>RECENT INTERNATIONAL DEVELOPMENTS</u> .....	44
<u>TABLE 11 SELECTED INTERNATIONAL DEVELOPMENTS AND APPROVALS</u> .....	44
<u>International Stem Cell Research</u> .....	44
<u>International Stem ... (Continued)</u> .....	45
<u>CHAPTER FOUR: ISSUES AFFECTING THE MARKET</u> .....	46
<u>REIMBURSEMENT ISSUES</u> .....	46
<u>MILITARY WOUND CARE</u> .....	46
<u>BATTLEFIELD WOUND CARE</u> .....	47
<u>Battlefield Wound Care (Continued)</u> .....	48
<u>High-tech Bandages</u> .....	49
<u>High-tech Bandages (Continued)</u> .....	50
<u>DEVELOPMENT OF BATTLEFIELD WOUND CARE</u> .....	51
<u>Hemoglobin-based Oxygen Carriers</u> .....	51
<u>GOVERNMENT FUNDED DEVELOPMENT</u> .....	51
<u>FUTURE RESEARCH</u> .....	52
<u>STEM CELL RESEARCH</u> .....	52
<u>GENE THERAPY</u> .....	53
<u>LIGHT-EMITTING DIODES</u> .....	53
<u>Light-emitting Diodes in Conjunction with Laser Diodes</u> .....	54
<u>TABLE 12 COMPANIES OFFERING LIGHT-EMITTING DIODE DEVICES FOR WOUND CARE</u> .....	55
<u>TABLE 12 (CONTINUED)</u> .....	56
<u>IN VIVO VS. IN VITRO</u> .....	56
<u>TABLE 13 ADVANTAGES OF IN VIVO AND IN VITRO TISSUE GROWTH</u> .....	56
<u>IN VITRO</u> .....	57
<u>IN VIVO</u> .....	58
<u>ALTERNATIVE WOUND CARE</u> .....	59
<u>ALTERNATIVE WOUND CARE (CONTINUED)</u> .....	60

<u>GOVERNMENT FUNDED RESEARCH</u> .....	61
<u>TECHNOLOGY</u> .....	61
<u>CURRENT TECHNOLOGY USES</u> .....	61
<u>Tissue-engineered Skin Substitutes</u> .....	61
<u>Skin Regeneration Matrices</u> .....	62
<u>PATENT ANALYSIS</u> .....	62
<u>TABLE 14 NUMBER OF WOUND CARE TECHNOLOGY PATENTS BY</u> <u>YEAR, 1995-2008</u> .....	63
<u>FIGURE 7 NUMBER OF WOUND CARE TECHNOLOGY PATENTS BY</u> <u>YEAR, 1995-2008</u> .....	64
<u>TABLE 15 U.S. PATENT EVALUATION OF MAJOR WOUND CARE-</u> <u>RELATED TECHNOLOGY BY ISSUE DATE FOR 2007 AND 2008*</u> .....	64
<u>TABLE 15 (CONTINUED)</u> .....	65
<u>TABLE 15 (CONTINUED)</u> .....	66
<u>TABLE 15 (CONTINUED)</u> .....	67
<u>TABLE 15 (CONTINUED)</u> .....	68
<u>TABLE 15 (CONTINUED)</u> .....	69
<u>TABLE 15 (CONTINUED)</u> .....	70
<u>TABLE 16 U.S. PATENT EVALUATION OF MAJOR ADVANCED</u> <u>WOUND CARE RELATED TECHNOLOGY BY NUMBER OF</u> <u>PATENTS PER PATENT HOLDER, 2007-2008*</u> .....	71
<u>FIGURE 8 WOUND CARE TECHNOLOGIES BY COMPANY, 2007-2008*</u> <u>(%)</u> .....	72
<u>CHAPTER FIVE: MARKET SEGMENTS</u> .....	73
<u>BIOLOGICAL DRESSINGS</u> .....	73
<u>PRODUCT DESCRIPTION</u> .....	74
<u>TABLE 17 MANUFACTURERS OF BIOLOGIC DRESSINGS, 2008</u> .....	75
<u>Artificial Skin/Skin Replacement</u> .....	75
<u>Artificial Skin/Skin Replacement (Continued)</u> .....	76
<u>Collagen Products</u> .....	77
<u>Collagen Products (Continued)</u> .....	78
<u>Growth Factors</u> .....	79
<u>PRODUCTS IN DEVELOPMENT</u> .....	80
<u>TABLE 18 BIOLOGIC PRODUCTS IN DEVELOPMENT, 2008</u> .....	80
<u>MARKET ANALYSIS AND CONCLUSION</u> .....	80
<u>Market Analysis and Conclusion (Continued)</u> .....	81
<u>TABLE 19 ESTIMATED MARKET REVENUES FOR BIOLOGICAL</u> <u>DRESSINGS BY PRODUCT SEGMENT, THROUGH 2013 (\$</u> <u>MILLIONS)</u> .....	82
<u>FIGURE 9 ESTIMATED MARKET REVENUES FOR BIOLOGICAL</u> <u>DRESSINGS BY PRODUCT SEGMENT, 2006-2013 (\$ MILLIONS)</u> .....	82
<u>Market Analysis and Conclusion (Continued)</u> .....	83
<u>TABLE 20 DISTRIBUTION OF REVENUES FOR BIOLOGICAL</u> <u>DRESSINGS BY WOUND TYPE, 2007 (\$MILLIONS)</u> .....	84

<u>FIGURE 10 DISTRIBUTION OF REVENUES FOR BIOLOGICAL DRESSINGS BY WOUND TYPE, 2007 (%)</u> .....	84
Competitive Summary .....	84
<u>TABLE 21 SUMMARY OF BIOLOGICAL DRESSINGS MARKET BY COMPETITOR REVENUES, 2007 (\$ MILLIONS)</u> .....	85
<u>FIGURE 11 SUMMARY OF BIOLOGICAL DRESSINGS MARKET BY COMPETITOR REVENUES, 2007 (\$ MILLIONS)</u> .....	86
<u>SURGICAL SEALANTS AND GLUES</u> .....	86
<u>PRODUCT DESCRIPTIONS</u> .....	87
<u>TABLE 22 MANUFACTURERS OF SURGICAL SEALANTS AND GLUES, 2008</u> .....	88
Product Descriptions (Continued) .....	89
Product Descriptions (Continued) .....	90
<u>PRODUCTS IN DEVELOPMENT</u> .....	91
<u>TABLE 23 VASCULAR SEALANT PRODUCTS IN DEVELOPMENT</u> .....	92
<u>MARKET ANALYSIS AND CONCLUSIONS</u> .....	92
<u>TABLE 24 ESTIMATED MARKET REVENUES FOR SURGICAL SEALANTS AND GLUES, THROUGH 2013 (\$ MILLIONS)</u> .....	92
<u>FIGURE 12 ESTIMATED MARKET REVENUES FOR SURGICAL SEALANTS AND GLUES, 2006-2013 (\$ MILLIONS)</u> .....	93
Competitive Summary .....	93
<u>TABLE 25 SUMMARY OF THE SURGICAL SEALANTS AND GLUES MARKET BY COMPETITOR REVENUES, 2007 (\$ MILLIONS)</u> .....	94
<u>FIGURE 13 SUMMARY OF THE SURGICAL SEALANTS AND GLUES MARKET BY COMPETITOR REVENUES, 2007 (%)</u> .....	95
<u>SYNTHETIC DRESSINGS</u> .....	95
<u>PRODUCT DESCRIPTION</u> .....	95
Alginate Dressings .....	96
<u>TABLE 26 ALGINATE DRESSING MANUFACTURERS, 2008</u> .....	96
<u>TABLE 26 (CONTINUED)</u> .....	97
Alginate Dressings (Continued) .....	98
Alginate Dressings (Continued) .....	99
Alginate Dressings (Continued) .....	100
Film Dressings .....	101
<u>TABLE 27 FILM DRESSING MANUFACTURERS, 2008</u> .....	101
Film Dressings (Continued) .....	102
Film Dressings (Continued) .....	103
Foam Dressings .....	104
<u>TABLE 28 FOAM DRESSING MANUFACTURERS, 2008</u> .....	105
Foam Dressings (Continued) .....	106
Foam Dressings (Continued) .....	107
Foam Dressings (Continued) .....	108
Hydrocolloid Dressings .....	109
<u>TABLE 29 HYDROCOLLOID DRESSING MANUFACTURERS, 2008</u> .....	109

<u>TABLE 29 (CONTINUED)</u> .....	110
<u>Hydrocolloid Dressings (Continued)</u> .....	111
<u>Hydrocolloid Dressings (Continued)</u> .....	112
<u>Hydrogel Dressings</u> .....	113
<u>TABLE 30 HYDROGEL DRESSING MANUFACTURERS, 2008</u> .....	113
<u>TABLE 30 (CONTINUED)</u> .....	114
<u>Hydrogel Dressings (Continued)</u> .....	115
<u>Hydrogel Dressings (Continued)</u> .....	116
<u>Hydrogel Dressings (Continued)</u> .....	117
<u>PRODUCTS IN DEVELOPMENT</u> .....	118
<u>MARKET ANALYSIS AND CONCLUSION</u> .....	119
<u>TABLE 31 ESTIMATED MARKET REVENUES FOR SYNTHETIC</u> <u>DRESSINGS BY PRODUCT SEGMENT, THROUGH 2013</u> <u>(\$ MILLIONS)</u> .....	120
<u>FIGURE 14 ESTIMATED MARKET REVENUES FOR SYNTHETIC</u> <u>DRESSINGS BY PRODUCT SEGMENT, 2006-2013 (\$ MILLIONS)</u> .....	121
<u>TABLE 32 REVENUE DISTRIBUTION FOR SYNTHETIC DRESSINGS</u> <u>BY WOUND TYPE, 2007 (\$ MILLIONS)</u> .....	122
<u>FIGURE 15 REVENUE DISTRIBUTION FOR SYNTHETIC</u> <u>DRESSINGS BY WOUND TYPE, 2007 (%)</u> .....	122
<u>Competitive Summary</u> .....	122
<u>TABLE 33 SUMMARY OF THE SYNTHETIC DRESSINGS MARKET BY</u> <u>COMPETITOR REVENUES, 2007 (\$ MILLIONS)</u> .....	123
<u>FIGURE 16 SUMMARY OF THE SYNTHETIC DRESSINGS MARKET</u> <u>BY COMPETITOR REVENUES, 2007 (%)</u> .....	124
<u>ANTI-ADHESION AND OTHER RELATED WOUND-HEALING</u> <u>PRODUCTS</u> .....	124
<u>ANTI-ADHESION PRODUCTS</u> .....	124
<u>ENZYMATIC/HYPERTONIC SALINE DEBRIDING AGENTS</u> .....	125
<u>PRODUCT DESCRIPTION</u> .....	125
<u>TABLE 34 MANUFACTURERS OF ANTI-ADHESION AND OTHER</u> <u>ADVANCED WOUND CARE PRODUCTS, 2008</u> .....	126
<u>Product Description (Continued)</u> .....	127
<u>PRODUCTS IN DEVELOPMENT</u> .....	128
<u>TABLE 35 MANUFACTURERS OF ANTI-ADHESION PRODUCTS AND</u> <u>OTHER ADVANCED WOUND CARE PRODUCTS IN</u> <u>DEVELOPMENT, 2008</u> .....	129
<u>MARKET ANALYSIS AND CONCLUSIONS</u> .....	129
<u>TABLE 36 ESTIMATED MARKET FOR ANTI-ADHESION AND OTHER</u> <u>WOUND HEALING PRODUCTS BY SEGMENT, THROUGH 2013</u> <u>(\$ MILLIONS)</u> .....	130
<u>FIGURE 17 ESTIMATED MARKET FOR ANTI-ADHESION AND</u> <u>OTHER WOUND-HEALING PRODUCTS BY SEGMENT, 2006-2013</u> <u>(\$ MILLIONS)</u> .....	130

<u>TABLE 37 REVENUE DISTRIBUTION FOR ANTI-ADHESION AND OTHER WOUND HEALING PRODUCTS BY WOUND TYPE, 2007 (\$ MILLIONS)</u> .....	131
<u>FIGURE 18 REVENUE DISTRIBUTION FOR ANTI-ADHESION AND OTHER WOUND HEALING PRODUCTS BY WOUND TYPE, 2007 (%)</u> ....	132
Competitive Summary.....	132
<u>TABLE 38 SUMMARY OF ANTI-ADHESION AND OTHER WOUND HEALING MARKETS BY COMPETITOR REVENUES, 2007 (\$ MILLIONS)</u> .....	133
<u>FIGURE 19 SUMMARY OF ANTI-ADHESION AND OTHER WOUND HEALING MARKETS BY COMPETITOR REVENUES, 2007 (%)</u> .....	133
<u>WOUND HEALING DEVICES</u> .....	134
<u>PRODUCT DESCRIPTIONS</u> .....	134
<u>TABLE 39 ADVANCED WOUND HEALING DEVICE MANUFACTURERS, 2008</u> .....	134
<u>TABLE 39 (CONTINUED)</u> .....	135
<u>Electrical Stimulation Devices and Electromagnetic Therapy</u> .....	135
<u>Electromagnetic Therapy</u> .....	135
<u>Vacuum-assisted Closure (VAC)</u> .....	136
<u>Vacuum-assisted Closure ... (Continued)</u> .....	137
<u>Hyperbaric Oxygen Devices</u> .....	138
<u>EpiFlo (Transdermal Sustained Oxygen Delivery)</u> .....	139
<u>Radio Frequency (RF) Stimulus</u> .....	139
<u>External Tissue Expander (Proxiderm)</u> .....	140
<u>Ultrasonic Wound Debridement</u> .....	140
<u>LED Therapy</u> .....	141
<u>Other Devices</u> .....	141
<u>MARKET ANALYSIS AND CONCLUSION</u> .....	141
<u>Market Analysis and Conclusion (Continued)</u> .....	142
<u>TABLE 40 ESTIMATED MARKET FOR WOUND HEALING DEVICES BY PRODUCT SEGMENT, THROUGH 2013 (\$ MILLIONS)</u> .....	143
<u>FIGURE 20 ESTIMATED MARKET FOR WOUND HEALING DEVICES BY PRODUCT SEGMENT, THROUGH 2013 (\$ MILLIONS)</u> .....	143
<u>TABLE 41 REVENUE DISTRIBUTION FOR WOUND HEALING DEVICES BY WOUND TYPE, 2007 (\$ MILLIONS)</u> .....	144
<u>FIGURE 21 REVENUE DISTRIBUTION FOR WOUND HEALING DEVICES BY WOUND TYPE, 2007 (%)</u> .....	144
Competitive Summary.....	145
<u>TABLE 42 SUMMARY OF THE U.S. WOUND HEALING DEVICE MARKET BY COMPETITOR REVENUES, 2007 (\$ MILLIONS)</u> .....	145
<u>FIGURE 22 SUMMARY OF THE U.S. WOUND HEALING DEVICE MARKET BY COMPETITOR REVENUES, 2007 (%)</u> .....	146
<u>CHAPTER SIX: MARKET SUMMARY</u> .....	147

<u>FIGURE 23 TRADITIONAL VS. ADVANCED WOUND CARE TREATMENT REVENUES AND GROWTH, 2006-2013</u> .....	147
<u>FIGURE 23 (CONTINUED)</u> .....	148
<u>TOTAL ADVANCED WOUND CARE MARKET ANALYSIS</u> .....	148
<u>TABLE 43 ANALYSIS OF TOTAL U.S. MARKET FOR ADVANCED WOUND CARE PRODUCTS BY TYPE, THROUGH 2013 (\$ MILLIONS)</u> .....	149
<u>FIGURE 24 ANALYSIS OF TOTAL U.S. MARKET FOR ADVANCED WOUND CARE PRODUCTS BY TYPE, 2006-2013 (\$ MILLIONS)</u> .....	149
<u>TABLE 44 REVENUE DISTRIBUTION BY TYPE OF ADVANCED WOUND CARE, 2007 (\$ MILLIONS)</u> .....	150
<u>FIGURE 25 REVENUE DISTRIBUTION BY TYPE OF ADVANCED WOUND CARE, 2007 (%)</u> .....	151
<u>INDUSTRY PARTICIPANTS BY TYPE</u> .....	151
<u>TABLE 45 MAJOR INDUSTRY PARTICIPANTS BY PRODUCT TYPE</u> .....	151
<u>TABLE 45 (CONTINUED)</u> .....	152
<u>TABLE 45 (CONTINUED)</u> .....	153
<u>FIGURE 26 (CONTINUED)</u> .....	154
<u>CHAPTER SEVEN: COMPANY PROFILES</u> .....	155
<u>3M HEALTH CARE</u> .....	155
<u>BARD MEDICAL DIVISION</u> .....	155
<u>BAXTER INTERNATIONAL</u> .....	156
<u>COLOPLAST A/S</u> .....	157
<u>CONMED CORPORATION</u> .....	157
<u>CONVATEC, LTD.</u> .....	158
<u>DERMA SCIENCES, INC.</u> .....	158
<u>ETHICON, INC.</u> .....	159
<u>GENZYME BIOSURGERY</u> .....	160
<u>KENDALL</u> .....	161
<u>KINETIC CONCEPTS, INC.</u> .....	161
<u>LIFECELL CORP.</u> .....	162
<u>ORGANOGENESIS, INC.</u> .....	163
<u>SMITH &amp; NEPHEW PLC</u> .....	163
<u>ST. JUDE MEDICAL</u> .....	164
<u>WRIGHT MEDICAL TECHNOLOGY, INC.</u> .....	165
<u>APPENDIX: COMPANY LISTINGS</u> .....	166
<u>APPENDIX: COMPANY LISTINGS</u> .....	166
<u>APPENDIX: COMPANY LISTINGS (CONTINUED)</u> .....	167
<u>APPENDIX: COMPANY LISTINGS (CONTINUED)</u> .....	168
<u>APPENDIX: COMPANY LISTINGS (CONTINUED)</u> .....	169
<u>APPENDIX: COMPANY LISTINGS (CONTINUED)</u> .....	170
<u>APPENDIX: COMPANY LISTINGS (CONTINUED)</u> .....	171
<u>APPENDIX: COMPANY LISTINGS (CONTINUED)</u> .....	172



<a href="#"><u>APPENDIX: COMPANY LISTINGS (CONTINUED)</u></a> .....	173
<a href="#"><u>APPENDIX: COMPANY LISTINGS (CONTINUED)</u></a> .....	174
<a href="#"><u>APPENDIX: COMPANY LISTINGS (CONTINUED)</u></a> .....	175
<a href="#"><u>APPENDIX: COMPANY LISTINGS (CONTINUED)</u></a> .....	176