

OFFICE OF TECHNOLOGY POLICY

APPENDIX C: U.S. R&D FACILITIES ABROAD

<i>Company</i>	<i>Location</i>	<i>R&D Activities</i>
Japan		
Air Products & Chemicals	Tsukuba, Ibaraki	Industrial gases, processing equipment (1994)
Apple Technologies	Tokyo	PCs, software
AT&T	Engineering & Manufacturing-Oiso Naka-gun, Oiso	POS retail terminals, financial terminals, ATM
Bristol-Myers Squibb	Aikawa, Kanagawa	Drug toxicity tests, chemical analysis (1994)
Cadam Systems	Kobe	Software
Digital Equipment	DEC Park, Tama	Workstations, software
Eastman Kodak	Yokohama	Photography, film, optics
Exxon		Petroleum refining
Ford Motor	Ford Technical Development Lab, Yokohama	Powertrain, fuel controls, audio (1995)
Ford Motor	Ford Research Center, Hiroshima	Electronic components (1992)
Fuji Xerox Fuji Xerox	General Research Institute, Kanagawa KSP Lab, Kanagawa	Copiers Copiers
General Motors	Technical Center, Tokyo suburb	Auto parts (1992)
W.R. Grace	Japan Research Center, Atsugi-shi, Kanagawa-Ken	Polymer chemistry (latex, epoxy), biomedical
W.R. Grace	Japan Technical Office, Atsugi-shi, Kanagawa-Ken	Polymer chemistry, biomedical (1992)
Hewlett-Packard Japan	Kanagawa	Computers, printers, instrumentation
IBM Japan	Tokyo Research Lab, Yamato	Computers, software
IBM Japan	Yamato Lab	Computers, software
IBM Japan	Fujisawa	
Intel	Tsukuba	Semiconductors
Merck	Tsukuba	Drugs
Microsoft	Tokyo	PC software
Motorola	Sendai, Miyagi	Semiconductors (1995)
Motorola	Tokyo	Semiconductors

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<i>Company</i>	<i>Location of Facility</i>	<i>R&D Activities</i>
Nihon Unisys	Tokyo Bay Dev. Center	Computers, electronics
PPG Industries	Otowa, Aichi	Automotive coatings (1995)
Rockwell International	Body and Chassis Systems, Nagoya	Components for heavy duty trucks (1993)
Rockwell International	Technical Center, Tokyo	Telecommunications
Rockwell International	Graphics Systems, Tokyo	Computer graphics
Rockwell International	Nippon Automotive, Hiroshima	Auto parts
Texas Instruments	Tsukuba R&D Center, Tsukuba Science City	Computers, semiconductors
Europe		
<i>Belgium</i>		
Ampco-Pittsburgh	Union Electric Steel, Tessenderlo	Forged hardened steel roll
Colgate-Palmolive	European Household Product Liege Laboratory, Milmort	Fabric and dish detergents, cleaners
Crompton & Knowles	Terte, Belgium	Dyes for synthetic and natural fibers
Exxon		Petroleum refining
M.A. Hanna Co.	Wilson Color, Assesse	Formulated colorants for plastics industries
Johnson & Johnson	Janssen Pharmaceutica, Beerse	Drug development projects, animal drugs
Procter and Gamble	European Technical Center, Brussels	Detergents, soaps, cleaners, fabric softeners
<i>Czech Republic</i>		
Honeywell	Technical Center, Prague	Systems engineering for control, computer systems communications systems for commercial buildings
<i>Denmark</i>		
AL Laboratories	Dumex, Copenhagen	Pharmaceuticals, drug delivery systems
AT&T	Copenhagen	Systems engineering
<i>France</i>		
AlliedSignal	Bendix Europe, Drancy	Brake systems, anti-lock brakes, auto parts
Bristol-Myers Squibb	Logues	Research and development on drugs
Corning	Corning Europe, Avon Cedex	Glass and related materials, optoelectronics
Eastman Kodak	Chalon	Photography, film, optics, chemicals
Exxon		Petroleum refining

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<i>Company</i>	<i>Location of Facility</i>	<i>R&D Activities</i>
Merck	Rion	Drugs
Rockwell International	Body and Chassis Systems	Components for heavy duty trucks, buses
Stepan	Stepan Europe, Grenoble	Surfactants, personal care prods., cleaners
<i>Germany</i>		
AlliedSignal	Jurid Werke GmbH, Hamburg	Friction materials for automotive, aircraft
AT&T	Engineering & Manufact., Augsburg	Personal computers: NCR division
Amphenol	Amphenol Tuchel Electronics, Heilbronn	Military, aerospace electrical connectors
Battelle	European Operations, Frankfurt	Laser technology, biotechnology, sensors
Bristol-Myers Squibb	Regensburg	Exploratory research in pharmaceuticals
Corning	Hazelton Deutschland, Munster	Chronic toxicology
Exxon		Petroleum refining, chemicals
Ford Motor	Ford Research Center, Merkenich	Automotive
General Motors	Adam-Opel Technical Center, Ruffelsheim	Automotive
NL Industries	Kronos, Postfach	Titanium pigments
Rockwell International	Body and Chassis Systems	Components for heavy duty trucks, buses
Warner Lambert	Goedecke, Freiburg	Pharmaceuticals
<i>Ireland</i>		
AlliedSignal	Garrett Ireland Ltd, Waterford	Casting forming technology
<i>Italy</i>		
AlliedSignal	Bendix Heavy Vehicle Sys., Milano	Pneumatic brakes, parts for heavy trucks
Colgate-Palmolive	European Process Development Laboratory, Anzio	Process engineering for production of soaps, etc.
Merck	Pomezia	Drugs
<i>Netherlands</i>		
Ameron	Geldermalsen	Corrosion resistant coatings
Proctor & Gamble	J.T. Baker, Deventer	Reagents to be used in hospital laboratories
<i>Spain</i>		
AlliedSignal	Bendix Espana, Granoccles Barcelona	Truck power steering, struts, shock absorbers

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<i>Company</i>	<i>Location of Facility</i>	<i>R&D Activities</i>
<i>Sweden</i>		
GM/EDS	Operations and Research, Stockholm	Network applications for retail users
<i>Switzerland</i>		
Dow Chemical	Dow R&D, Horgen	Chemicals
IBM	Zurich Research Laboratory, Rueschlikon	Communications and computer science, optoelectronics, superconductivity
<i>United Kingdom</i>		
AlliedSignal	Bendix Heavy Vehicles, Bristol	Pneumatic braking systems for trucks and buses
AT&T	Dundee, Scotland	ATM, financial and retail customer machines
Bristol-Myers Squibb	Moreton	Development of drugs
Chevron	Chevron Research, London	Petroleum refining, products
Clayton Environmental Consultants	Birmingham	Physical, chemical measurement of pollution
Corning	Hazelton Labs, Harrogate	Safety evaluation of drugs, chemicals, toxicology
Dames & Moore	Dames & Moore-London, Twickenham	Earthquake engineering, seismology
Emerson Electric	Rosemount, Bognor Regis	Instruments for sensing temperature, pressure
Exxon	Abingdon, Scotland	Chemicals
Exxon	Leatherhead	Petroleum refining
Ford Motor	Ford Research Center, Dunton	Automotive
Hewlett-Packard	Bristol	Computers, printers, instrumentation
Learonal	Derbshire	Plating for circuit boards, connectors
MA-COM	Dunstable	Microwave semiconductors, amplifiers, circuits
Merck	Terlings Park	Drugs
Procter & Gamble	Newcastle Technical Center Newcastle-on-Tyne	Detergents, soaps, fabric softeners, cleansers, toothpaste, shampoos, disposable diapers, drugs
Procter & Gamble	Egham Surrey	Drugs, toiletry, cosmetics, personal health prods.
Radix Corp.	IBS Radix, Milton Keynes	Harsh environment portable computers, printers
Raytheon	Cossor Electronics, Harlow	Air traffic control, radar, displays, military
Rockwell International	Body and Chassis Systems	Components for heavy duty trucks, buses
Telematics International	Hampshire	Networking systems and network management
Wiltron Measurement	Hertfordshire	RF and microwave measurement technology

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<i>Company</i>	<i>Location of Facility</i>	<i>R&D Activities</i>
Canada		
Allied Signal	Bendix Avelex, Montreal, PQ	Aerospace fuel systems, fluid dynamics
AlliedSignal Aerospace	Rexdale, ON	Control systems, digital signal processing
AT&T	Imaging Systems, Waterloo, ON	Document management systems, proof and encoder
Bristol-Myers Squibb		Exploratory research on drugs
Chrysler	Windsor, ON	Alternate fuels
Exxon	Imperial Oil Ltd., Toronto	Petroleum refining
General Motors	Oshawa, ON	Automotive: cold weather testing
Merck	Kirkland	Drugs
Monsanto	Searle, Oakville, ON	Drugs, clinical testing
Philip Morris	Kraft General Foods, Don Mills, ON	Package development and food research
Procter & Gamble	Toronto, ON	Detergents, soaps, fabric softeners, cleansers
Rockwell International	Body and Chassis Systems	Components for heavy duty trucks, buses
Uniroyal Chemical	Guelph, ON	Organic and agricultural chemicals
Xerox	Research Center, Mississauga, ON	Chemical physics, chemical engineering
Brazil		
AlliedSignal	Sao Paulo	Brake systems, components, turbochargers
General Motors	Materials Engineering Labs, Sao Paulo	Materials development: physical and metallographic testing: infrared spectrophotometer
Singapore		
Exxon		Petroleum refining

Sources

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Company officials.

