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PRODUCT DESIGN

HEAD OF PRODUCT DESIGN DIVISION GEHRY DESIGN, LLC. LOS ANGELES / CALIFORNIA 5/2002 - 7/2004

WORKED DIRECTLY WITH ICONIC ARCHITECT FRANK GEHRY CREATING PRODUCT DESIGN. JOB ENTAILED KEEPING OPEN DIALOG WITH FRANK GEHRY & MULTIPLE CLIENTS THROUGH MODEL MAKING, PHOTOGRAPHY, EMAIL, MEETINGS & PRESENTATIONS. THE PRODUCT REFINEMENT PROCESS INCLUDED RESEARCHING APPROPRIATE MATERIALS & PRODUCTION METHODS, PROTOTYPE CONSTRUCTION, FEEDBACK & TESTING. IDEATION PROCESS INCLUDED TRADITIONAL & NON-TRADITIONAL MODELMAKING, THEN 3-D SCANNING TO CREATE IGES FILES FOR PRODUCTION. 3-D PRINTING (STEREOLITHOGRAPHY) ALSO USED FOR ENGINEERING & FORM VERIFICATION. CLIENTS: EMECO, HELLER, VALLI & VALLI, NHL, SALTON, WYBOROWA, CIRCA, MIT/GM, VITRA, BELUX, FOSSIL.

PROFESSOR : MODEL MAKING / PRODUCT DESIGN PARSONS SCHOOL OF DESIGN - NEW SCHOOL UNIVERSITY NEW YORK / NEW YORK 8/2000 - 6/2001

INSTRUCTOR FOR SECOND-YEAR PRODUCT DESIGN STUDENTS. "HANDS-ON" WORKSHOP ENVIRONMENT INTRODUCED VARIOUS TOOLS AND MACHINERY, EMPHASIZING SAFETY, HEALTH, PRECISION OPERATION & FABRICATION TECHNIQUES. COURSE COVERED BASIC SCALE MODEL RECONSTRUCTION USING FOAMCORE, VARIOUS PLASTICS, WOOD & METAL. HISTORY & EXPLANATION OF INDUSTRIAL PRODUCTION PROCESSES WERE ALSO COVERED, WITH REGARDS TO MODEL MAKING AS A VITAL LINK IN THE INDUSTRIAL DESIGN PROCESS. THE SECOND HALF OF THE YEAR-LONG COURSE COVERED ADVANCED TECHNIQUES OF VACUUM FORMING, MOLD MAKING & CASTING.

MODEL MAKER / PRODUCT REFINER SMARTDESIGN NEW YORK / NEW YORK 1/2000 - 9/2001

HAND FABRICATION OF PRODUCT MODELS & FUNCTIONAL PROTOTYPES USING A VARIETY OF STATE-OF-THE-ART TOOLS & TECHNIQUES. DUTIES INCLUDED COMPONENT FINISHING (SURFACE TREATMENT & COLOR), AS WELL AS ASSEMBLY OF CAD/CAM & "3-D" PRINTER MODELS. ROLE IN DESIGN TEAM ENTAILED REALIZATION OF DESIGN MODIFICATIONS, INCLUDING ERGONOMIC REFINEMENT AND MICRO-ADJUSTMENTS. MANY PROJECTS REQUIRED SILICONE MOLD MAKING & CASTING OF VARYING DUROMETER URETHANES & QUICKCAST SOLIDS WITH COLOR MATCHING. BASIC, QUICK FORM TEST SHAPES WERE FABRICATED ALONG WITH "PHOTO-QUALITY" FORM MODELS. CLIENTS: BRAUN / DURACELL, BURTON SNOWBOARDS / RED ACCESSORIES, ESTEE LAUDER, HEWLETT PACKARD, ORANGEX, OXO, REACH, SEAGRAMS, SUNBEAM, WOVO.

INDUSTRIAL DESIGNER PHILIPPE STARCK PARIS / FRANCE 1/1990 - 5/1991

VARIOUS PROJECTS OF INDUSTRIAL DESIGN. EMPLOYED AS PART OF A SMALL GROUP OF DESIGNERS WHO ASSISTED THE SUPERSTAR OF GLOBAL DESIGN. PROJECT RESPONSIBILITIES INCLUDED DESIGN IDEATION & REFINEMENT, SKETCH MODELS, PEN & INK DRAWINGS, PRESENTATION BOARDS. CLIENTS: ALESSI, J.C.DECAUX, FLORECARIL, FLOS, FSB, GLACEAU/GLACIER, KARTELL, OWO, ROS KLEIS, UBIK, XO.

INDEPENDENT PROJECTS

DESIGN & FABRICATION OF HEMP-COMPOSITE PROTOTYPES APPLIEDHEMP MALIBU / CALIFORNIA 1/1994 - PRESENT

DESIGN, FABRICATION AND TESTING OF HEMPBIOCOMPOSITES. HEMP IS USED AS AN INTEGRAL COMPOSITE MATERIAL DUE TO ITS SUPERIOR STRENGTH-TO-WEIGHT RATIO AND ENVIRONMENTAL FRIENDLINESS. OBJECTS INCLUDE: WINDMILL-SIGNS, TRACTOR SEAT, MONOCOQUE SKATESAILBOARD, STOOL, CHAIR, SOFA, SUNBRELLA, CEILING FAN, LONGBOARD SNOWBOARD, VEHICLE PARTS, CLOTHING, HEMP-REINFORCED BIOCONCRETE.

PERPETUALLY MOVING EXTERIOR SIGNAGE: HEMP COMPOSITE WINDMILL-SIGNS CHYNNNA NEW YORK, ROOTSTOCK, HEMPINSTEAD NEW YORK / NEW YORK 4/1998 - 7/1999

3 UNIQUE SPLIT-SAVONIOUS VERTICAL-AXIS WINDMILL-SIGNS. HAND FABRICATED USING EXPERIMENTAL HEMP-SILK-BAMBOO-GLASSFIBRE COMPOSITE CONSTRUCTION. WELDED STEEL FRAMES WITH PRESS-FIT SEALED PRECISION BEARINGS & SOLID STEEL AXLES. DESIGNED & INSTALLED FOR CLIENTS TO ATTRACT ATTENTION & PROMOTE SALES.

HEMPCOLA NEUTRACEUTICAL BEVERAGE ASABOSSI INC. EUGENE / OREGON 9/1998 - 3/1999

DESIGN OF BOTTLE / LOGO / PACKAGING / POINT OF PURCHASE FOR START-UP COMPANY.

TRADESHOW BOOTH AWEAR & MARY JANE'S HEMP POP PORTLAND / OREGON 7/1998 - 8/1998

DESIGN & FABRICATION OF PORTABLE TRADESHOW BOOTH USING HEMP, BAMBOO, RECYCLED METAL & WOOD FOR THE '98 SAN FRANCISCO INDUSTRIAL HEMP EXPO.

"PINHOLE PALENDROME" & "ZOETROPE" FOTOGRAFIX GALLERY WALLA WALLA / WASHINGTON 8/1997 - 9/1997

INTERACTIVE PHOTOGRAPHIC SCULPTURE EXHIBITION INCLUDING PINHOLE PHOTOGRAPHY & ORIGINAL MOTION PICTURE DEVICE. AN INVITATIONAL SHOW.

CUSTOM FOUNTAIN-DESK, BOOKSHELF, LAMP & CHAIRS DR. IDA ESSERAY - AUDIOLOGIST WALLA WALLA / WASHINGTON 3/1997 - 5/1997

DESIGN & FABRICATION OF CUSTOM FURNITURE FOR AUDIOLOGIST OFFICE USING RECYCLED FARM IMPLEMENT PARTS. A BUBBLING FOUNTAIN WAS INTEGRATED INTO THE CORNER AREA OF THE 'L'-SHAPED DESK, PROVIDING A TRANQUIL WORK / STUDY ATMOSPHERE.

FURNITURE, INTERIOR ARCHITECTURE, LOGO & SIGNAGE ANCIENT ONION WALLA WALLA / WASHINGTON 9/1996 - 12/1997

DESIGN AND CREATION OF CAFE-TEA ROOM / GALLERY / RETAIL SHOP OF FOOD, CLOTHING & DRY GOODS. RECYCLED BARN-WOOD INTERIOR AND FURNISHINGS FABRICATED USING ANTIQUE FARM IMPLEMENT PARTS. NOMINATED "BEST INTERIOR DESIGN" BY GOVERNOR'S INSTITUTE ON DOWNTOWN REVITALIZATION OF SEATTLE, WA.

"CAMERA OBSCURA : LUMINUS MAXIMUS" O.K. HOTEL SEATTLE / WASHINGTON 5/1992 - 7/1992

AN INSTALLATION COLLABORATION WITH KEVIN MCCOY, AS PART OF AN INVITATIONAL GROUP SHOW. A ROTATING COPPER TURNTABLE DEVICE WAS PROJECTED (INVERTED) FROM THE EXTERIOR OF THE BUILDING, THROUGH A SMALL CIRCULAR HOLE IN THE WALL, INTO A DARKENED ROOM ONTO A GAUZE VIEWING SCREEN.

SKILLS & PROCESS KNOWLEDGE

WRITING, SKETCHING, DRAWING, RENDERING, GRAPHIC DESIGN, CARVING, SHAPING, SANDING, WELDING, SANDBLASTING, MACHINING, LATHE TURNING, PAINTING, LAMINATING, VACUUM BAGGING, VACUUM FORMING, DIE-CUTTING, PRESSING, ETCHING, POLISHING, ANNOIDIZING, PLATING, MOLD MAKING, INJECTION MOLDING, OVERMOLDING, ROTATIONAL MOLDING, BLOW MOLDING, CASTING, SEWING, LOST WAX PROCESS, PHOTOGRAPHY, PINHOLE PHOTOGRAPHY, VIDEOGRAPHY, ANTIQUATED PHOTOGRAPHIC PROCESSES, COMPUTER EDITING, MATERIALS RESEARCH.

EDUCATION

LES ATELIERS - ECOLE NATIONALE SUPERIEURE DE CREATION INDUSTRIELLE PARIS / FRANCE 6/1989

POST-GRADUATE DIPLOME PROJECT "WALLALLAW" : ROLLING SAUCER (COLLABORATION WITH ERIC LEDEAN).

RESEARCH & DEVELOPMENT PROJECT "QUETZALCOATL" : MONOCYCLE WITH SAIL (COLLABORATION WITH ERIC LEDEAN & LAURENCE HAMLIN).

BACHELORS OF FINE ARTS / MAJOR: INDUSTRIAL DESIGN UNIVERSITY OF WASHINGTON - SCHOOL OF ART SEATTLE / WASHINGTON 6/1988

* IDSA STUDENT MERIT AWARD

* IDSA OUTSTANDING ACHIEVEMENT SCHOLARSHIP

A W A R D S

"THE FRANK GEHRY FURNITURE COLLECTION" 2004 *
* GOOD DESIGN 2004
GEHRY DESIGN, I.L.C., LOS ANGELES / CALIFORNIA
MANUFACTURER: HELLER INC, NEW YORK / NEW YORK

"SUPERLIGHT™ CHAIR" 2004 *
* GOOD DESIGN 2004
GEHRY DESIGN, I.L.C., LOS ANGELES / CALIFORNIA
MANUFACTURER: EMECO, HANOVER / PENNSYLVANIA

"HP SCANJET 4670" 2003 *
* GOOD DESIGN 2004
SMARTDESIGN, NEW YORK / NEW YORK
MANUFACTURER: HEWLETT-PACKARD COMPANY, FORT COLLINS / COLORADO

"HP PHOTOSMART 245" 2003 *
* GOOD DESIGN 2004
SMARTDESIGN, NEW YORK / NEW YORK
MANUFACTURER: HEWLETT-PACKARD COMPANY, FORT COLLINS / COLORADO

"ANCIENT ONION" *
* BEST INTERIOR DESIGN
1997 - WALLA WALLA DOWNTOWN PRESERVATION BOARD, WALLA WALLA / WASHINGTON

"ZOETROPE" * : INTERACTIVE SCULPTURE
[COLLABORATION WITH ERICA BUCHANAN]
* BEST OF SHOW
1991 - CENTER OF CONTEMPORARY ART [C.O.C.A.], SEATTLE / WASHINGTON

"QUETZALCOATL" * : MONOCYCLE WITH SAIL
[COLLABORATION WITH ERIC LEDEAN & LAURENCE HAMLIN]
* 1ST PLACE (PORTABLE NEW SPORT / INVENTION)
1990 - B.M.W. DESIGN COMPETITION, PARIS / FRANCE

"WATERSPORTS HELMET" * : HELMET WITH LIFE PRESERVER & COMMUNICATION DEVICE
* 1ST PLACE (USAGE OF NEW MATERIALS / TECHNOLOGIES)
I.C.S.I.D. COMPEIGNE INDUSTRIAL DESIGN AWARD
1988 - UNIVERSITE DE COMPEIGNE, PARIS / FRANCE

"WATERSPORTS HELMET" *
* RECOGNITION OF DESIGN ACHIEVEMENT
IDSA IDEA87 COMPETITION
1987 - INDUSTRIAL DESIGN SOCIETY OF AMERICA, MONTEREY / CALIFORNIA

"EATING UTENCIL FOR THE HANDICAPPED" *
* 2ND PLACE (INVENTIVE APPLICATION OF SHEETMETAL)
1987 - PANDA SHEETMETAL DESIGN COMPETITION, SEATTLE / WASHINGTON

P R O D U C T R & D / S P O N S O R S H I P

BURTON SNOWBOARDS / RED ACCESSORIES
BURLINGTON / VERMONT
SNOWBOARD TOOLS 2001

SWATCH USA
NEW YORK / NEW YORK
WATCHES & ACCESSORIES 1987

AMPRO / WINDSURE CANADA
HOOD RIVER / OREGON
WINDSURFING MASTS, BOOMS & HARDWARE 1986-87

O'NEILL
SANTA CRUZ / CALIFORNIA
WETSUITS 1986-87

DAKINE HAWAII
MAUI / HAWAII
WINDSURFING ACCESSORIES 1985-87

NORTHWAVE
HOOD RIVER / OREGON
SAILS & ACCESSORIES 1984-PRESENT

WINDANCE
HOOD RIVER / OREGON
SAILBOARDS 1984-PRESENT

P U B L I C A T I O N S

ABITARE
"STATI UNITI"
#446 JANUARY 2005

EMECO / EAMES DEMETRIOS
"PING PONG"
DOCUMENTARY FILM 2004

INTERNI
"REPERTORIO"
#543 JULY-AUGUST 2004

THE LOOK
"VERY GEHRY"
SUMMER 2004

METROPOLIS
"PRODUCTSPHERE"
JULY 2004

INTERIOR DESIGN
"MARKET"
JUNE 2004

ICON
"STORIES FROM MILAN"
JUNE 2004

DOMUS
"THE ELASTIC CHAIR MADE ENTIRELY OF ALUMINUM"
#871 JUNE 2004

PLAYBOY
"THE CLASSY DRUNK"
JUNE 2004

DESIGN DIFFUSION NEWS
"THE CREATIVE CITY"
#115 JUNE 2004

I.D. (COVER STORY)
"ALL THE RIGHT MOVES"
MAY 2004

ARCHITECTURAL DESIGN
"GREAT DESIGN"
MAY 2004

U.S. NEWS & WORLD REPORT
"STIRRING UP VODKA"
MAY 3, 2004

MAXIM
"POLISH WHISKEY!"
MAY 2004

FRANK OWEN GEHRY
"FLOWING IN ALL DIRECTIONS"
CIRCA PUBLICATIONS 2003

ONE
"HANDLES WITH CARE"
PREMIER ISSUE DECEMBER 2001

RESEARCH OF THE CHAIR (JAPAN)
"CHANGE SHAPE"
ISSUE #1 JANUARY 2001

SKI SHAWNEE RESORT
"TANDEM SNOWBOARDING"
TV COMMERCIAL / BROCHURE 2001

BUSINESSWEEK
"ORANGEX OJEX MANUAL JUICER"
JUNE 12, 2000

WINDSURFING MAGAZINE
"WHERE ARE THEY NOW"
JUNE 2000

HEMPTIMES MAGAZINE
"THE MAKING OF AN ARTIST"
FALL ISSUE 1999

WINDTRACKS JOURNAL
"WINDANCE AD"
SUMMER ISSUE 1999

WHAT'S UP? MAGAZINE
"ANCIENT ONION" (COVER STORY)
FEBRUARY 1997

WALLA WALLA UNION BULLETIN
"CAFFEINE STREET"
FEBRUARY 1997

STARCK
"TOOTHPASTE DISPENSER, STREET LAMP, ESPRESSO MACHINE,
LAMPS, DOORHANDLES, CHAIRS, WATERBOTTLE, TEAPOT & SETTINGS"
TASCHEN PUBLICATIONS 1996

HI-WIND MAGAZINE (JAPAN)
"PRODUCT PREVIEW"
JANUARY 1988

METROPOLIS ARCHITECTURE & DESIGN MAGAZINE
"BY DESIGN"
MAY 1988

NORTHWEST SAILBOARD'S 1988 GORGE GUIDE
"CENTERFOLD"
VOLUME 6 1988

FREERIDE MAGAZINE (JAPAN)
"SPEED GEAR CATALOGUE"
JANUARY 1987

SURF MAGAZINE (GERMANY)
"COVER"
FEBRUARY 1987

NORTHWEST SAILBOARD MAGAZINE
"STREETECH: TAKE A RIDE ON THE CONCRETE WAVE"
APRIL 1987

FUNBOARD MAGAZINE (GERMANY)
"WATERSPORTS HELMET: FÜR ALLE FÄLLE"
MAY 1987

SPORTS FITNESS MAGAZINE
"SUMMER TRAINING"
MAY 1987

SPORTS NORTHWEST MAGAZINE
"SAILBOARDER JEFF CASPER"
MAY 1987

HI-WIND MAGAZINE (JAPAN)
"WANDERBOOM"
JUNE 1987

SPORTS FITNESS MAGAZINE
"SOLAR ENERGY"
JUNE 1987

SAILWIND QUARTERLY MAGAZINE (AUSTRALIA)
"JEFF CASPER & DOUG CABBELL"
SPRING ISSUE 1987

WINDSURF MAGAZINE
"THE WATERSPORTS HELMET"
OCTOBER 1987

SURF MAGAZINE (GERMANY)
"COVER"
NOVEMBER 1987

MEN'S FITNESS MAGAZINE
"WINTER WONDERLAND"
DECEMBER 1987

HI-WIND MAGAZINE (JAPAN)
"ROCK N' ROLL"
NOVEMBER 1986

SPORTS NORTHWEST MAGAZINE
"FIRST SUCCESSFUL SINGLE LOOP"
SEPTEMBER 1986

NORTHWEST SAILBOARD MAGAZINE
"EXPRESSION SESSION"
FALL 1986

FINE MAGAZINE (JAPAN)
"NEW WEST COAST"
OCTOBER 1984