

Name: Gary Stuart Fenton **Telephone:** Home +44 (0) 1484 323639
 Mobile +44 (0) 7984 115535

Address: 66-68 Broomfield Rd,
 Fixby,
 Huddersfield,
 West Yorkshire,
 HD2 2HG, UK.

Age: 43 Yrs 18th July 1966

Status: Married, One child (12 Years)

Work Experience

July 05 – Present **Formative Design Ltd** – Design Consultant/Owner - MD

July 99 – July 05 **DePuy International – Senior Industrial Design Engineer**

DePuy International is one of the worlds largest joint replacement companies, designing, manufacturing and marketing a range of implants and surgical instruments.

In my 5 years at DePuy I was the Principle Design Engineer on a number of projects. One project involved breaking new ground with freeform modelling; another was to develop a new direction in hip joint replacement (ASR). The ASR project demanded innovative instruments that allow the surgeon to accurately place the implant. I worked closely with a team of distinguished international surgeons to develop such instruments and as a result filed two sole patents. My roles as a team member have included; concept design, patent submissions, CAD modelling, 2D Drafting, project management, cadaveric investigations, vendor liaison, test development and quality paperwork.

In the last 2 years I had a supervisory role over 4/5 permanent employees and 3/5 contractors. I was identified in my manager's 'succession planning'.

I worked with academics from Strathclyde University to develop 'Metrics'. These metrics helped the department become more effective in meeting the needs of its customers.

March 97 – July 99 **McPhersons Housewares – Industrial Designer**

My first position as an Industrial Designer after the degree! I worked for an in-house R&D Department, serving Australian, US and UK Subsidiaries.

The majority of my work centred on the design and manufacture of kitchen knives, cutlery and housewares products. A typical NPD route would begin with a brief from Marketing. I would create and present concept sketches and sketch models (foam or modelling clay). After consulting with Marketing I produced computer models that could be used for renderings or SLA prototypes; the later would be used for final approval and vacuum cast samples. UK-based and Far East Manufacturers then used the CAD data and drawings. This was a very fast paced environment where the emphasis was on creativity and fast turnaround. In one project I created over 30 cutlery designs, two eventually made it through to production.

Sept 94 – March 97 **Birkbys Plastics Ltd. - Product Design Engineer**

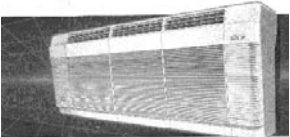
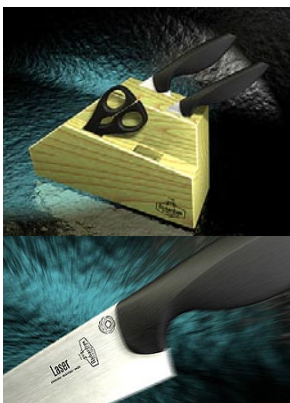
I worked on a variety of products mainly for the automotive industry, including Ford, Toyota, Jaguar and GM. Extensive exposure to FMEA and FEA. Worked with US company, as lead mechanical designer, to develop 'Drive by wire' electronic throttle control for Ford. At Birkbys I developed advanced CAD skills. My first task was to model a very complicated steering wheel shroud, it was the first time the company had surface modelled such a complex moulding. The surface model enabled an SLS prototype to be produced, to show Nissan prior to the tool being cut; again a first for Birkbys.

Jan 89 - Sept 92 **IMI Air Conditioning Ltd. - Design Draughtsman**

I joined IMI as a Production Draughtsman and became conversant with drawing office practice and mass production techniques. After one year I was promoted to Design Draughtsman, the design work I undertook was centred on sheet metal forming. The final project I worked on involved teaming up with a design consultancy, GEPDA. Working together we designed both sheet metal components and plastic injection mouldings.

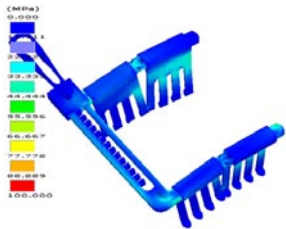
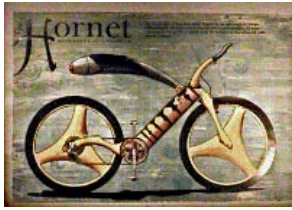
Jan 88 - Jan 89 **Taylor's Trailers - Design Draughtsman**

As a junior design Draughtsman I helped to develop a compact road sweeping machine. Other duties included design and manufacture of specialist industrial trailers.



Education

- 2002 - 03 Open University
MBA Business studies – 2 years of a 4-year course completed.
Exams passed – Fundamentals of Senior Management & Strategy
- 2004 Btec Theatre Skills, Glasgow Scotland.
- 2002 - 03 J&J Management Fundamentals Part 1 – In-house management training.
- 2002 J&J Black Belt Training course – Cork, Ireland.
Project yet to complete.
- 2002 Basic and Advanced G D & T Training.
- 2000 DePuy Distance learning course, Anatomy and Biomechanics.
- 1992 - 94 University of Huddersfield
BSc(Hons) Product Design
Upper Second (2:1)
- 1989 - 90 Bradford college – night class
City & Guilds Refrigeration
- 1984 - 87 Huddersfield Polytechnic
Btec HND Mechanical Engineering
- 1982 - 84 3 'A' Levels: Maths (E), Physics (E), General Studies (E)
6 'O' Levels



Computer experience

Proficient in MS Word, Outlook, Excel, PowerPoint, FrontPage, Adobe Photoshop, Acrobat (3D) and Illustrator.
CAD – Unigraphics v10 – Nx5 (11 Yrs), SDRC Ideas (3Yrs), Rhino (1Yr), AliasWavefront (Rendering) (3Yrs), ANSYS Design Space (2Yrs)

Achievements and Awards

Forme Kitchen Knife - Runner-up Design week awards, highly commended D&AD, UK Millennium product.
'Rapid prototyping in Custom Hip Arthroplasty' – Presentation to the Institute of Mechanical Engineers.
Avesta Stainless Steel Student Design Awards - Runner-up
6 Patent Submissions – 3 Granted
Rendered image chosen for Unigraphics 2001 Calendar

Interests

I enjoy cycling, drawing and painting, playing Guitar and reading.

Referees - Available on request.