

Mark Wibbels

Professional experience

1993 to present Hewlett Packard Company Boise, Idaho

Distinguished Technologist/Strategist (2004 to present)

- Drive next generation HW definitions
- Lead concept phase HW process for new SFP and MFP platforms
- Act as primary EP technology expert for cross company technology assessments and investment decisions
- Work with business teams to align business and technical direction
- Lead alternative marking technology and new component investigations

EP Process/Engine Engineer Scientist (1999 -2004)

- Worked with management team to guide products through initial gate development checkpoints
- Working with architects to insure system compatibility
- Drive technologies between HP and partners to support the LaserJet Business.
- Work with partners to improve system integration effectiveness
- Mentor lab engineers to improve effectiveness.

Hardware Engineer EP/Mechanical (1993 to 1999)

- Evaluated image pipe partners
- Developed image pipe solutions: halftoning, calibration, and underexposure
- Characterized and debugged EP process
- Managed color pipe development process with partner
- Tested image pipe.

Peace Corps Volunteer (1988 to 1990)

- Secondary school physics and math instructor – Lomawai Secondary, Fiji

Patents and publications

7,187,398 Characterization of a Scan Line Produced from a Facet of a Scanning Device 2007
7,256,913 Image Adjustment 2007
7,088,936 Power Control System for Fusing System with External Heater 2006
6,853,831 Fusing System Including an External Heater 2005
6,731,887 Duplex Image Registration 2004
6,813,451 Duplex Image Registration 2004
6,721,530 Fusing System Having Electromagnetic Heating 2004
6,580, 895 Fusing System Including a Heat Distribution Mechanism 2003
6,512,913 Fusing System Including a Heat Storage Mechanism 2003
6,606,470 Color Plane Partial Exposure for Reducing Edge Effect 2003
6,339,211 Reducing Temperature Differential in a Fixing Device 2002
6,445,902 Simplified Fusing System 2002
6,342,953 Color Plane Under Exposure for Reducing Edge Effect 2002
6,014,161 Closed Loop Compensation for Gray Scale Printing Devices 2000

6,118,950 Duplex Image Alignment 2000
5,854,961 Electrophotography Developer Canister with Material-Moving Roller
1998
5,852,758 Charge Roller Displacement Mechanism 1998

**Community
Activities**

Lead Mentor for FIRST Robotics Team 2122 2005-2013

HP Team Paint the Town Coordinator 2009

HP Team Day of Caring Coordinator 2003

Education

1991 - 1993 University of Idaho Moscow, Idaho

Masters of Science in Mechanical Engineering

1982 – 1988 Boise State University Boise, Idaho

Bachelor of Arts in Mathematics

Bachelor of Science in Physics