

January 30, 2012

Carolyn Koenig
Reg. No. 42,766
c.koenig @ ieee . org

TO: Azam Khan, Deputy Chief of Staff
United States Patent and Trademark Office

RE: USPTO Satellite Office in San Francisco Bay Area

The most important resource for a USPTO Satellite Office is the human resource. The San Francisco Bay Area offers tens of thousands of highly-trained engineers and scientists in diverse areas of technology. In particular for computer and electronics technology, the Institute of Electrical and Electronics Engineers (IEEE) has 18,833¹ members in the San Francisco Bay Area. The San Francisco Bay Area membership comprises about 9% of the total US membership, the highest number IEEE members of any metropolitan area in the country and the world.

There are numerous other technical professional organizations with active local chapters in the San Francisco Bay Area. The local chapters of these technical societies offer technical presentations and tutorials on the latest developments for the technical community. For example, see the IEEE Schedule for February 2012 at <http://www.e-grid.net/docs/grid1202.pdf>. These active professional societies can provide not only a highly trained workforce for the USPTO Satellite Office in the San Francisco Bay Area, but also opportunities for the USPTO to interact with the local technical community and to provide outreach activities for innovators. The Silicon Valley Engineering Council (www.svec.org) serves as an umbrella organization for over 70 local chapters of technical societies, listed below.

The area's universities providing top quality science and engineering programs include four University of California campuses (Berkeley, Davis, San Francisco and Santa Cruz), state universities (San Francisco, San Jose and East Bay) and private universities, including Stanford

University, Santa Clara University and Carnegie Mellon University. Most of these have active continuing education programs with diverse offerings. Medical schools are located at UC San Francisco, UC Davis and Stanford. In addition, leading research facilities here include the Lawrence Livermore National Laboratory, Lawrence Berkeley Laboratory, NASA Ames Research Center and Stanford Linear Accelerator.

A possible location for the USPTO Satellite Office is the NASA Research Park at Moffett Federal Airfield, the location of NASA Ames Research Center. This location, on the boundary of Mountain View and Sunnyvale, is surrounded by many familiar high-tech companies in the heart of Silicon Valley. It is accessible by light rail, highways and bikeways.

Together, the universities, technical societies, vibrant industries and creative individuals of the San Francisco Bay Area provide an infrastructure for innovation that is unmatched anywhere. The only missing part is the presence of the USPTO Satellite Office.

Here is the list of local technical organizations affiliated with the Silicon Valley Engineering Council. Can any metropolitan area of the United States (or world) provide this human resource? The many biotech and biopharma professional societies in the San Francisco Bay Area would add even more to this list:

AICHE, American Institute of Chemical Engineers <http://www.aiche-norcal.org>

ASCE, American Society of Civil Engineers, San Jose Branch <http://www.asce-sf.org>

ASM Intl, American Society of Materials, International <http://www.asm-scv.org>

ASME, American Society of Mechanical Engineers <http://sections.asme.org/SCVS>

EAA, Electric Auto Association Silicon Valley <http://www.easv.org>

IEEE-CMPT, Components, Packaging, & Manufacture Tech. <http://www.cpmt.org/scv>

IEEE-CS, Computer Society <http://sites.ieee.org/scv-cs>

IEEE-NANO, Nanotechnology Council http://ewh.ieee.org/r6/san_francisco/nntc/

IEEE-SSC, Solid State Circuits <http://ewh.ieee.org/mu/scv-sscs/>

INCOSE, International Council On Systems Engineering <http://www.incose.org/sfbac>

SAE, Society of Automotive Engineers, Mid Cal Section <http://www.sae.org>

SAMPE, Society for the Advancement of Materials and Process Engineers, Northern California Chapter
<http://norcalsampe.org>

SME, Society of Manufacturing Engineers, Santa Clara Valley Chapter 098 <http://chapters.sme.org/098>

STC, Society for Technical Communication <http://www.stc-siliconvalley.org>

ACS, American Chemical Society, Santa Clara Valley <http://www.scvacs.org>

AES, Audio Engineering Society <http://www.aessf.org>

AFE, Association For Facilities Engineering <http://www.afe39.org>

AIAA, American Institute of Aeronautics and Astronautics <http://www.aiaa-sf.org>

AISES, American Indian Science & Engineering Society <http://www.aises.org>

AOC, Association of Old Crows, Golden Gate Chapter <http://www.goldcrows.org>

APWA, American Public Works Association <http://www.apwa.net>

ASAE, American Society of Agricultural Engineers <http://asae.org>

ASEE, American Society for Engineering Education <http://www.asee.org>

ASQ, American Society of Quality <http://www.asq-silicon-valley.org>

ASSE, American Society of Safety Engineers <http://assesj.org>

ASHRAE, American Society of Heating, Refrigerating and Air Conditioning Engineers <http://www.sanjoseashrae.org>

AVS, American Vacuum Society <http://chapters.avs.org/nccavs/default.htm>

BDPA, Black Data Processing Associates, Bay Area Chapter <http://www.bdpabac.org>

CITEA, California Industrial Technology Education Association <http://www.citea.org>

CHAC, Computer History Association of California <http://www.chac.org>

CHM, Computer History Museum <http://www.computerhistory.org>

CIE-SF, Chinese Institute of Engineers - SF Bay Area Chapter <http://www.cie-sf.org>

CSPE, California Society of Professional Engineers <http://www.cspe.com>

ECSCV, Engineers Club of Santa Clara Valley <http://www.geocities.com/ecscv>

EWB-USA, Engineers Without Borders-USA
<http://www.ewb-sjsu.org> (SJSU Chapter)
<http://www.scu.edu/ewb> (SCU Chapter)
<http://www.ewb-sfp.org> (EWB-USA San Francisco Professionals)

EOS/ESD Electrical Overstress & Electrostatic Discharge Society <http://www.esdsiva.org>

GIFTE, Global Institute For Technology and Engineering <http://www.gifte.org>

IEEE-SCV, Institute of Electrical and Electronic Engineers, Santa Clara Valley <http://www.ieee.org/scv>

IEEE LEOS, Laser Electro Optics Society <http://www.silicavalley.com>

IIE, Institute of Industrial Engineers <http://www.iiech37.com>

IMAPS, International Microelectronics And Packaging Society <http://www.imaps.org/chapters/norcal.htm>

ISA, Instrumentation, Systems, and Automation Society <http://www.isanorcal.org>

ISQED, Intl Society for Quality Electronic Design <http://www.isqed.com>

IWT, Institute for Women and Technology <http://www.iwt.org>

MAES, Society of Mexican American Engineers and Scientists, Bay Area Chapter
<http://www.maes-bayarea.org>

NATEA, North America Taiwanese Engineers Association <http://www.natea.org>

SAE, Society of Automotive Engineers <http://www.norcalsae.org>

NCCBPE, Northern California Council Of Black Professional Engineers <http://www.ncalifblackengineers.org>

NSBE, National Society of Black Engineers - Bay Area Alumni Extension <http://www.bayareansbe.org>

NSBE, National Society of Black Engineers <http://www.nsbe-ae-svc.org>

O/E #130, Order Of The Engineer, Nor Cal Link #130 <http://www.order-of-the-engineer.org>

OSNC, Optical Society of Northern California <http://www.osnc.org>

PATCA, Professional and Technical Consultants Association <http://www.patca.org>

Perham, The Electronics Museum of the Perham Foundation <http://www.perham.org>

Picn*x, Linux Picnic <http://www.linuxpicnic.org>

PMI, Project Management Institute, Silicon Valley Chapter <http://www.pmisv.org>

PMS, Precision Measurements Society

SAME, Society of American Military Engineers <http://www.same.org/sanfrancisco>

SBE, Society of Broadcast Engineers <http://www.lns.com/sbe>

SCS, Society for Computer Simulation <http://www.scs.org>

SFPE, Society of Fire Protection Engineers <http://www.ncnsfpe.org>

SHPE, Society of Hispanic Professional Engineers <http://www.shpe-sv.org>

SMAC, Small Manufacturers Association of California <http://www.schobers.com/sma/sma00.html>

SMPTE, Society of Motion Picture and Television Engineers <http://members.aol.com/SMPTEsf>

SOCE, Society of Concurrent Engineering <http://www.soce.org/SiliconValley/index.htm>

SOLES, Society of Latino Engineers and Scientists, SJSU Chapter <http://www.engr.sjsu.edu/soles/>

SPE, Society of Plastics Engineers <http://www.spe-ggs.org>

SPIE, International Society for Optical Engineering <http://www.spie.org>

SPIN, Silicon Valley Software Process Improvement Network <http://home.gd-es.com/sv-spin>

SSCLES, Stanford Society of Chicano Latino Engineers and Scientists <http://www.stanford.edu/group/sscles/>

Stratofox, Aerospace Tracking and Recovery Team <http://www.stratofox.org>

SVASE, Silicon Valley Association of Startup Entrepreneurs <http://www.svase.org>

SVMG, Silicon Valley Manufacturing Group <http://www.svmg.org>

SVWUX, Silicon Valley Wireless Users and Experimenters <http://www.svwux.org>

VACETS, Vietnamese Association for Computing, Engineering, Technology, and Science
<http://www.vacets.org>

VESA, Vietnamese Engineering Student Association <http://vesa.sjsuexchange.com>

WITI, Women In Technology International <http://www.witi.com/siliconvalley>

Thank you for your attention.

Sincerely yours,

Carolyn Koenig

¹ IEEE data as of Dec. 2010. See: http://www.ieee.org/membership_services/membership/statistics/secure/annual_stats_2010.html