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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 18,833\(^1\) 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

\(^1\)
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.eaasv.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.esdsva.org

GIFTTE, 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


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


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.norcalсаe.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


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


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

VESÁ, Vietnamese Engineering Student Association  http://vesa.sjuxchange.com

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

Thank you for your attention.

Sincerely yours,

Carolyn Koenig

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