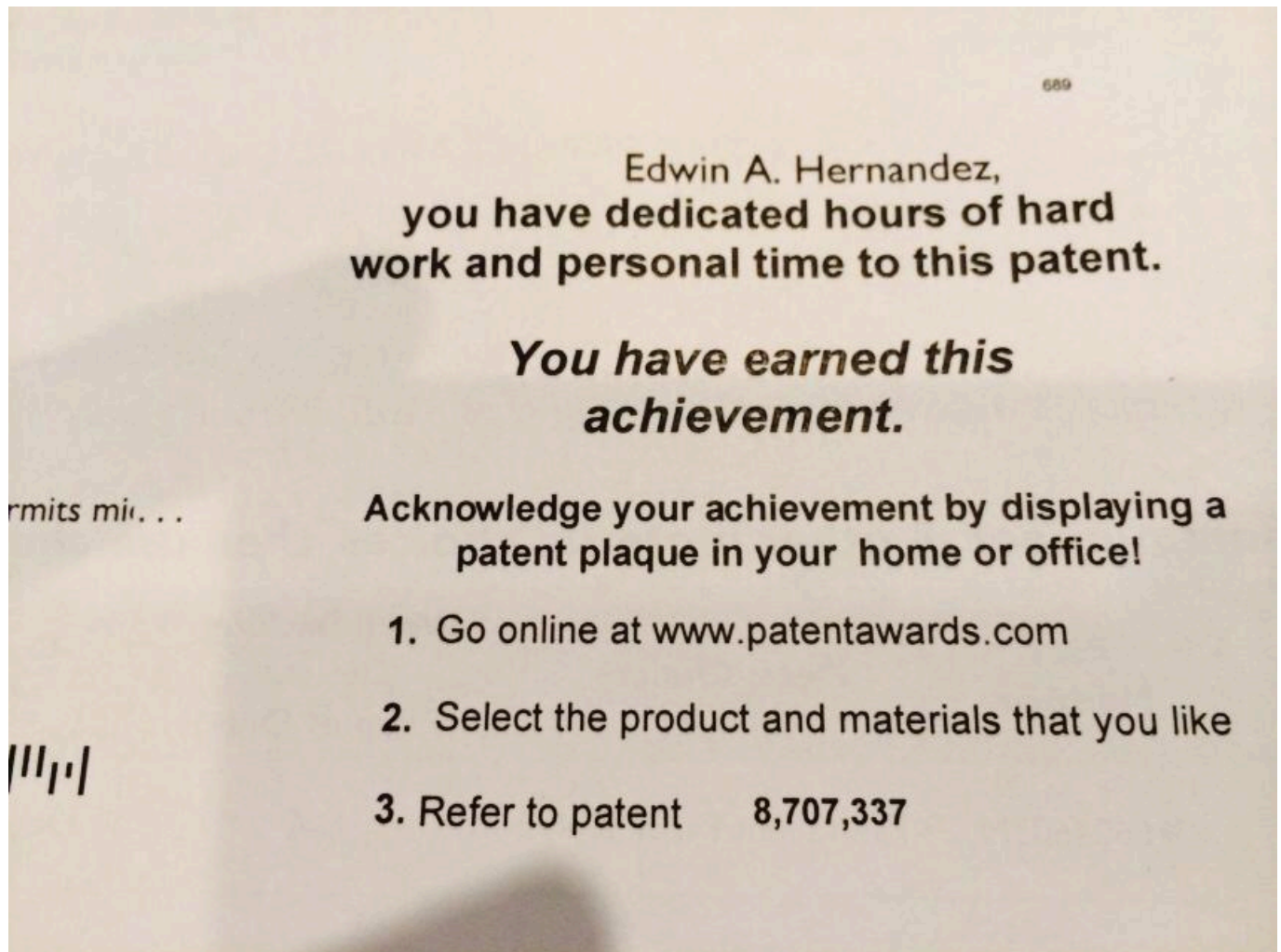


Publications



Publications : Dr. Edwin A Hernandez

Inventor, Expert Witness, Technology Professional, Entrepreneur

Papers and Refereed Journals/Conferences

- J. Zabalaha, E. Hernandez, M. Medina "Analysis of Honduras technology transfer efforts and implementation of a high performance computing and networking infrastructure," Journal of World Development, etc.

- **E. Hernandez** , "War of Mobile Browsers," IEEE Pervasive Computing, vol. 8, no. 1, pp. 82-85, Jan.-Mar. 2009 [Citation](#)
- **E. Hernandez**, A. Ayyagari, _Heavily-tailed Network Traffic Modeling for Power Management", IEEE Workshop on Performance and Management of Wireless and Mobile Networks Australia, November 2005. [Session 4](#)
- **E. Hernandez**, A. Helal, "*Predictive Mobile IP for Rapid Mobility*," IEEE Computing Conference on Wireless Local Networks, WLN 2004," Tampa, Fl. [Citation](#)
- M. Chinta, A. Helal, **E. Hernandez** ILC-TCP: An Interlayer Collaboration Protocol for TCP (2003) , Proceedings of the Trird IEEE Wireless Communications and Networking Conference (WCNC), [Citation](#)
- **E. Hernandez**, A. Helal "*RAMON: An emulation approach*," IEEE Confonference in Local Computer Networks.2002, Tampa, FL [Citation](#)
- **E. Hernandez**, M. Chideste, and A. George, "Adaptive sampling for network management," Journal of Networks and System Management (JNSM), Vol. 9, No. 4, Dec 2001. [Citation](#)
- **E. Hernandez**, A. Helal, " Examining Mobile-IP Performance in Rapidly Mobile Environments: The Case of a Commuter Train, " IEEE Conf. LCN 2001, Tampa, FL, Nov 14-16, 2001. [Citation](#)
- [Original Publication] A. Helal, S. Shah, **E. Hernandez**, Mobility Benchmarking In Ad-Hoc Networks, The IPSJ Journal, Vol.43, No.11, June 2002. Approx. 15 pp [Citation](#)
- S.Shah, **E. Hernandez**, A. Helal, "*CAD-HOC: A CAD Like Tool For Generating Mobility Benchmarks In Ad-Hoc Networks*," SAINT 2002, Japan, January 2002. [Citation](#)

Thesis & Dissertations

- **E. Hernandez** "*An adaptive protocol for rapid mobile environments*," Ph.D. Dissertation, University of Florida, August 2002. [Citation](#)
- **E. Hernandez.** "*Adaptive sampling for network management*," M.Sc. Thesis, University of Florida, Dec 1999.
- **E. Hernandez, Y. Lee.** "*Monitoring system of a packet data network*," B.Sc. Thesis. ITCR, July 1995.

Speaker at Conferences and Keynotes

- Honduras Global Speaker
- IEEE Wireless Conference and Local Computer Networks (LCN) Several presentations
- IEEE SOUTHEAST CONFERENCE
- Keynote speaker: First Tuesday 2010 - Honduras
- TIGO Mobile Challenge Keynote - San Salvador 2010
- Webconf Latino 2010 - Tegucigalpa
- Mobile Commerce 2009, Mobile Monday Miami 2009-2010, 2010 - 4G Wireless Conference Miami Beach FL
- Conferences to several universities including UNITEC, UJCV (4G Wireless).

Referee and Publication Reviewer

- Editorial Board Intl. Journal of Networks and Systems 2009-2011
- IEEE International Consumer Networks, 2011
- IEEE Broadnets 2008
- IEEE Wireless Networks Magazine, 2002-2003
- IEEE Transactions on Mobile Computing
- IEEE Wireless Local Networks 2005-2007
- IEEE Local Computer Networks 2007-2008
- IEEE GLOBECOM 2005
- IEEE SOUTHEAST CONFERENCE 2005

Publications can be downloaded from [here](#) and [slideshare](#)