



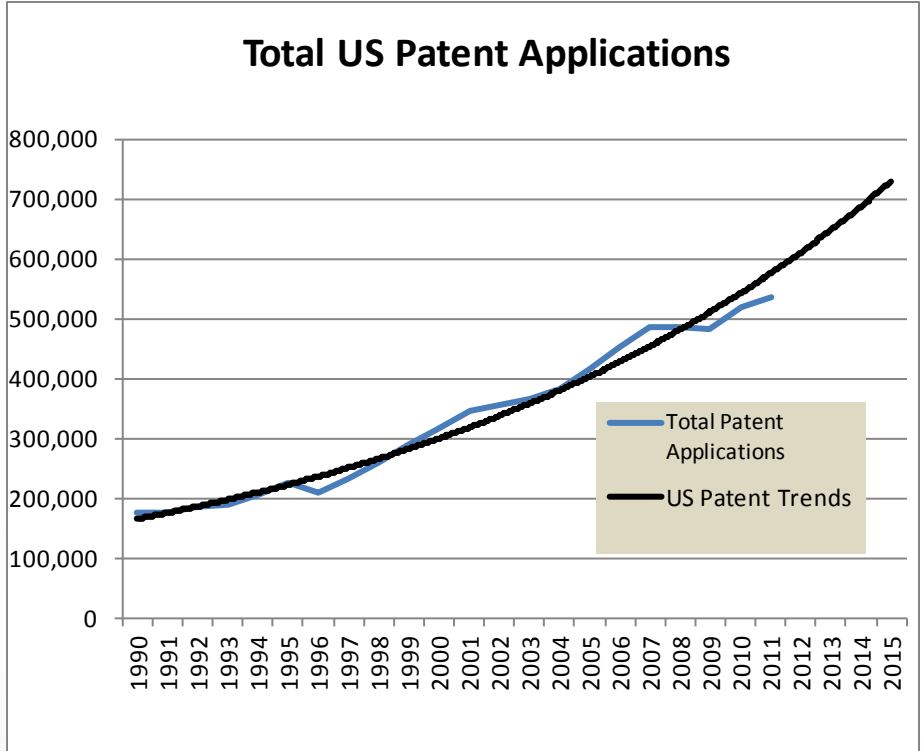
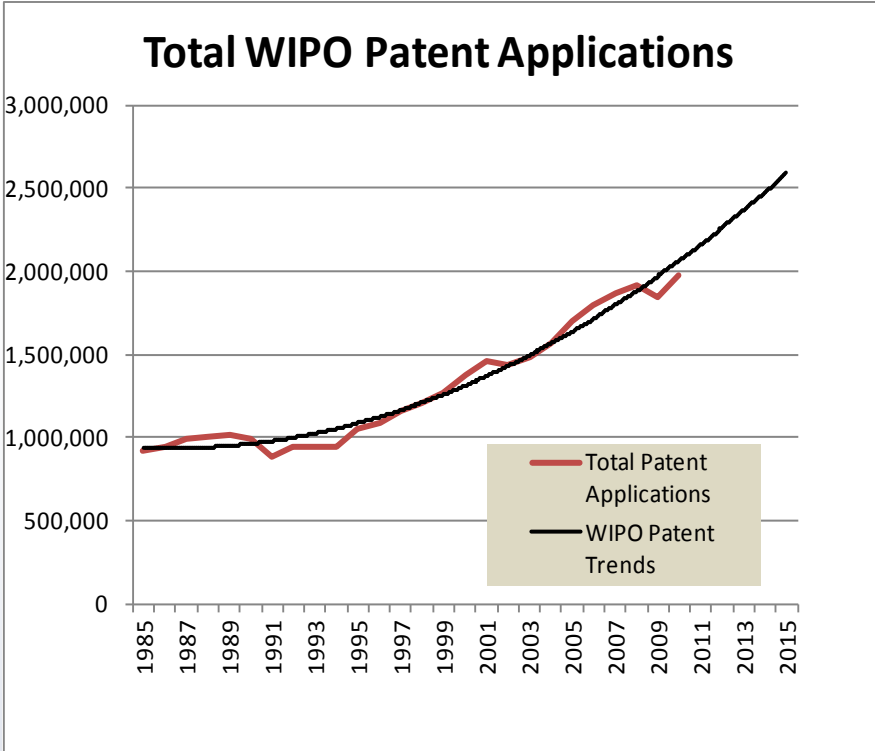
PATENTS (INTELLECTUAL PROPERTY)

Presented to:
Industry Day 2012

Presented by:
Charlene Haley, B.Sc., M.Sc., LL.B., J.D.
LEAD PATENT ATTORNEY

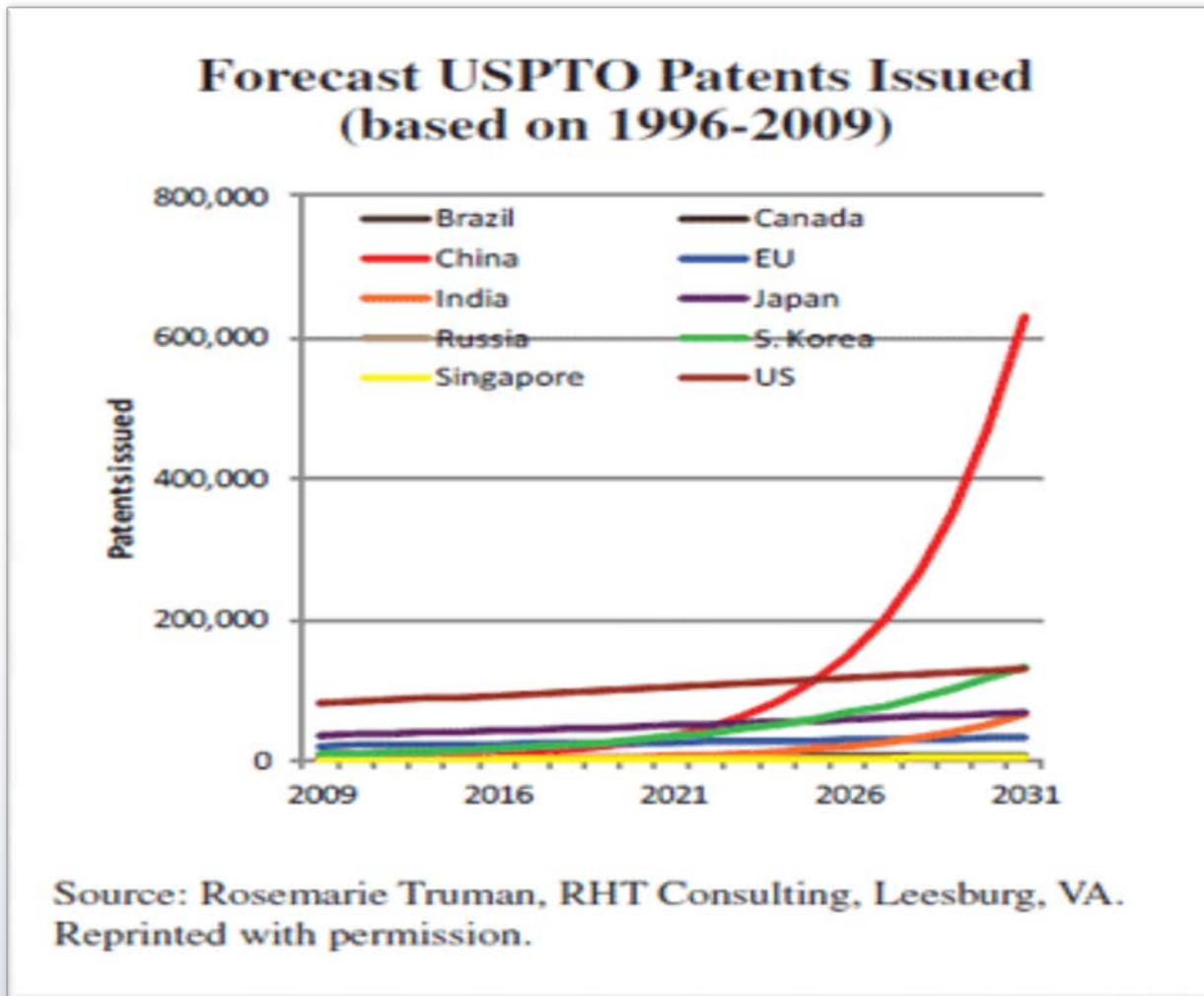


US and World Patent Application Trends





“ISSUED PATENTS ON THE RISE”





2011 IEEE Spectrum Patent Power Scorecard

GOVERNMENT AGENCIES										
RANK	COMPANY/ORGANIZATION, COUNTRY (PARENT ORGANIZATION)	2010 U.S. PATENTS	PIPELINE GROWTH INDEX	PIPELINE IMPACT	SELF- CITATIONS	ADJUSTED PIPELINE IMPACT	PIPELINE GENERALITY	PIPELINE ORIGINALITY	PIPELINE POWER	ADJUSTED PIPELINE POWER
1	U.S. Navy, <i>U.S.</i>	304	1.30	0.69	15%	0.69	0.88	0.99	238	238
2	U.S. Department of Health and Human Services, <i>U.S.</i>	151	1.25	0.49	15%	0.49	1.17	1.02	109	109
3	Commissariat à l'Énergie Atomique, <i>France</i>	224	1.52	0.43	17%	0.43	0.62	1.02	92	92
4	Japan Science and Technology Agency, <i>Japan</i>	172	1.61	0.36	13%	0.36	0.89	1.01	89	89
5	Centre National de la Recherche Scientifique, <i>France</i>	154	1.39	0.37	13%	0.37	1.08	1.03	87	87
6	Agency for Science, Technology and Research, <i>Singapore</i>	46	1.39	1.05	4%	1.05	1.20	1.01	82	82
7	National Aeronautics and Space Administration, <i>U.S.</i>	105	1.19	0.66	16%	0.66	0.97	0.99	80	80
8	U.S. Army, <i>U.S.</i>	151	1.24	0.46	12%	0.46	0.84	1.00	71	71
9	U.S. Postal Service, <i>U.S.</i>	40	3.00	0.79	60%	0.55	0.64	1.02	43	62
10	Ministry of Economy, Trade and Industry, <i>Japan</i>	105	1.31	0.44	15%	0.44	0.80	1.01	49	49
11	U.S. Department of Energy, <i>U.S.</i>	37	1.48	0.57	6%	0.57	1.00	1.02	32	32
12	National Research Council of Canada, <i>Canada</i>	40	2.11	0.41	5%	0.41	0.88	1.02	31	31
13	U.S. Department of Commerce, <i>U.S.</i>	9	2.25	0.75	0%	0.75	1.38	1.02	21	21
14	National Security Agency/Central Security Service, <i>U.S.</i>	24	1.85	0.67	19%	0.67	0.63	0.96	18	18
15	U.S. Department of Agriculture, <i>U.S.</i>	43	1.59	0.26	11%	0.26	0.81	1.04	15	15
16	U.S. Air Force, <i>U.S.</i>	45	0.94	0.52	8%	0.52	0.64	1.00	14	14
17	Council of Scientific and Industrial Research, <i>India</i>	73	1.38	0.25	26%	0.25	0.25	1.03	6	6
18	Israel Ministry of Defense, <i>Israel</i>	11	0.92	0.46	0%	0.46	0.97	1.10	5	5
19	U.S. Environmental Protection Agency, <i>U.S.</i>	11	1.10	0.49	18%	0.49	0.72	1.06	5	5



2011 IEEE Spectrum Patent Power Scorecard

GOVERNMENT AGENCIES

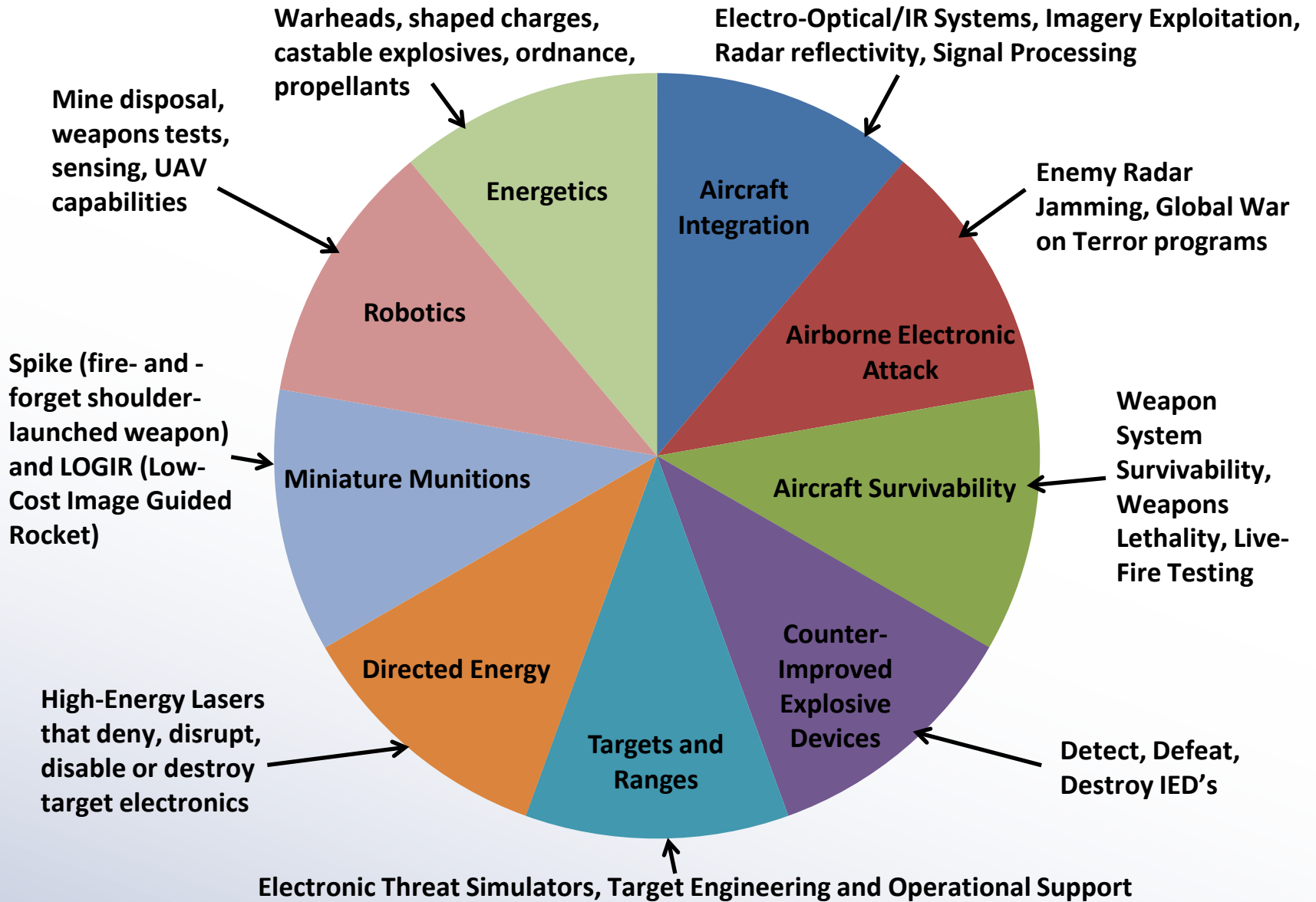
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4	Japan Science and Technology Agency, <i>Japan</i>	172	



PATENTED TECHNOLOGIES



PATENTED TECHNOLOGIES AT NAWCWD





Top 10 Patents with Commercial Potential!

1. **LADAR Stream Formatting and Processing Method**
2. **Three Dimensional Shape Correlator**
3. **Alcohol to Jet Fuels/Renewable High-Density Tactical Fuels**
4. **Poly(3,4-alkylene dioxythiophene)-Based Capacitors Using Ionic Liquids as Supporting Electrolytes**
5. **POSS Polymer**
6. **Face Recognition Process**
7. **Fumeless Latent Fingerprint Detection**
8. **Nanoplasmonic Cavities for Photovoltaic Applications**
9. **Field Colorimetric Test Device**
10. **Electro-Optic Signal Modulators**



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BREAKOUT SESSIONS**

Top 10 Patents with Commercial Potential!