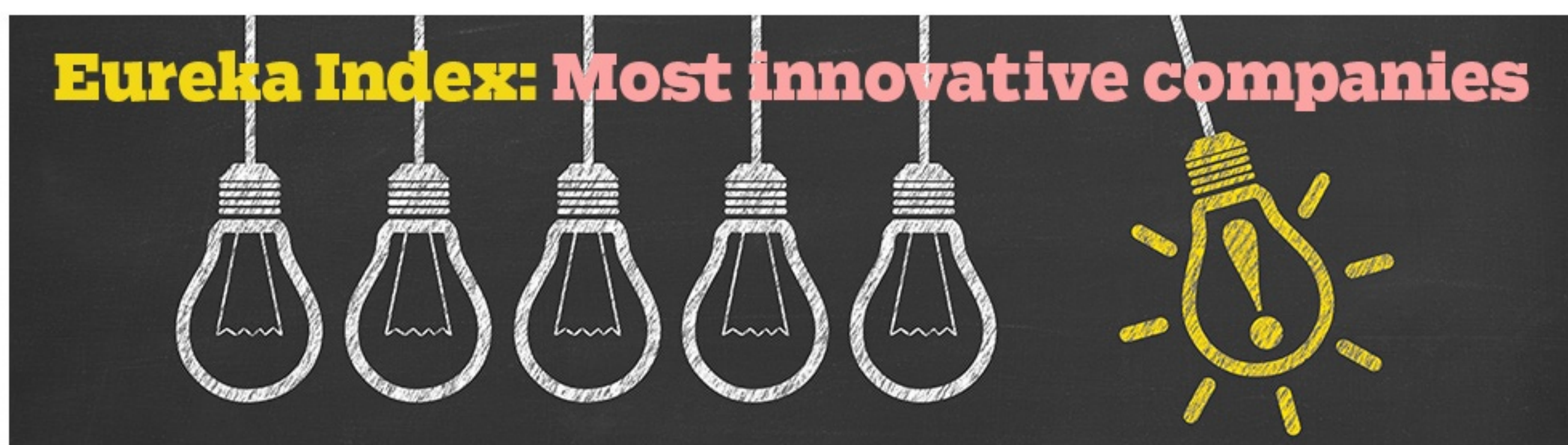


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November 11, 2016

8. Ilumisys Inc. dba Toggled

Troy, lighting

By Leslie Green



Altair Engineering Inc. Innovation



Photo by Altair Engineering

The lefthand side of this comparison shot shows the dramatic impact that Toggled LED lighting can have on work environments.

- **Top executive:** Jim Scapa, founder, chairman and CEO
- **Patents in 2015:** 11
- **Score:** 121.47

Ilumisys Inc., a subsidiary of **Altair Engineering Inc.**, makes LED lighting products to replace florescent tubes. David Simon, vice president of corporate communications and senior director of Altair, said the company, which has more than 90 patents, is working on developments that integrate lighting with the rest of a building's infrastructure and intelligence, such as occupancy sensing. Simon described a scenario where the lights not only turn on when you walk in the room, but where smart infrastructure controls the lights, the room temperature, how much fresh air is coming in, and so on. "If you look at where the internet of things is taking us, it's really toward a future that is more seamless in terms of what mechanical objects are doing to make our lives better," he said.



David Simon, VP of corporate communications, Toggled, and senior director, Altair Engineering Inc.

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Rank	Company	Industry	Score
1	Immunolight LLC	Biomedical	144.5
2	Magna Electronics Inc.	Auto supplier	130
3	Bosch Automotive Service Solutions LLC	Auto supplier	127.7
4	Innovative Surgical Solutions LLC	Biomedical	125.9
5	NeuroNexus Technologies Inc.	Biomedical	124.36
6	A123 Systems LLC	Auto supplier	123.96
7	Plastipak Packaging Inc.	Packaging	122.07
8	Ilumisys Inc.	LED lighting	121.47
9	Henry Ford Health System	Health care	120.1
9	American Axle & Manufacturing Inc.	Auto supplier	120.1
11	FCA US LLC	Automaker	119.6
12	Imra America Inc.	Lasers	117.2
13	Delphinus Medical Technologies LLC	Biomedical	114.4
14	Ford Motor Co.	Automaker	112.8
14	Global IP Holdings LLC	Auto supplier	112.8
16	Zephyros Inc.	Auto supplier	109.66
17	Gentherm Inc.	Auto supplier	108.64
18	Denso International America Inc.	Auto supplier	107.3
19	Guardian Industries Corp.	Glass maker	107.2
20	Visteon Global Technologies Inc.	Auto supplier	107.1
21	Cooper-Standard Automotive Inc.	Auto supplier	103.3
22	Regents of the University of Michigan	University	103.2
23	GKN Driveline North America Inc.	Auto supplier	102.88
24	General Motors Co.	Automaker	102.8
25	Federal-Mogul Ignition Co.	Auto supplier	102.76

Showing 1 to 25 of 25 entries