

Top 100 most innovative companies shift focus from quantity to quality

PHILADELPHIA, January 10, 2017 - Clarivate Analytics, formerly the Intellectual Property & Science business of Thomson Reuters, today announced its highly anticipated list of 2016 Top 100 Global Innovators. The report honors the most innovative corporations and institutions in the world determined by analyzing proprietary data. The company also unveiled its new brand identity following the sale of the business to Onex Corporation and Baring Private Equity Asia in October 2016. Now in its sixth year, the 2016 Top 100 Global Innovators report reveals a prominent shift in strategy among the world's top innovators. Notably, the volume of patents filed has decreased while grant rates have increased. That trend, combined with a significant commitment to R&D spending, showcases an increased commitment to quality over quantity for commercializing new inventions. Together, the firms on the list generated more than \$4 trillion revenue in 2015 and spent more than \$227 billion on research and development. On average, the 2016 Top 100 Global Innovators invest 9.1 percent more in R&D than those in the S&P 100.

This year's study also revealed wider diversification within the patent portfolios of the top innovators. Canon, General Electric and Hitachi are investing significantly in medical devices, while Google is developing a self-driving car and Amazon is actively involved in drone technology. The data in this year's report shows the path to innovation is no longer a straight line.

"Today marks a milestone for Clarivate Analytics as we journey towards the future with the publication of our Top 100 Global Innovators report under our new brand identity," said Jay Nadler, CEO. "We believe the power of innovation is a fundamental driver of economic wellbeing, competitive advantage and success, which represents the heart of our business - to accelerate the pace of innovation through discovery, protection and commercialization. Our Top 100 Global Innovators methodology eliminates any ambiguity as to what makes an organization innovative and we congratulate those who have made meaningful gains to usher in the next era of global innovation.

"The Clarivate Analytics 2016 Top 100 Global Innovators methodology is based on an overall analysis of patent volume, patent-grant success rates, global reach and invention influence. The Clarivate Analytics 2016 Top 100 Global Innovators are: 3M Company Abbott Laboratories

- Abbot Laboratories
- 3M Company
- Advanced Micro Devices
- Air Products
- Aisin Seiki
- Alstom
- Amazon
- Commissariat à l'Energie Atomique
- Corning
- Daikin Industries
- Delphi Automotive
- Dolby Laboratories
- Dow Chemical Company
- DuPont
- Emerson Electric
- Ericsson
- Exxon Mobil
- Fraunhofer
- Fujifilm
- Fujitsu
- General Electric
- Google (now Alphabet Inc.)
- Hitachi
- Honda Motor

- Honeywell International
 - Huawei
 - IFP Energies Nouvelles
 - Intel
 - InterDigital
 - Johnson & Johnson
 - Johnson Controls
 - JTEKT
 - Kawasaki Heavy Industries
 - Kobe SteelAnalog Devices
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- Analog Devices
 - Apple
 - Arkema
 - BASF
 - Bayer
 - Becton Dickinson
 - Boeing
 - Komatsu
 - Kyocera
 - LG Electronics
 - Lockheed Martin
 - LSIS
 - Makita Corporation
 - Marvell
 - MediaTek
 - Medtronic
 - Merck
 - Micron
 - Microsoft
 - Mitsubishi Heavy Industries
 - NEC
 - Nike
 - Nippon Steel & Sumitomo Metal
 - Nissan Motor
 - Nitto Denko
 - Nokia
 - Novartis
 - NTT
 - NXP Semiconductors
 - Olympus
 - Omron
 - Oracle
 - Panasonic
 - Philips
-
- 3M Company
 - Boston Scientific
 - Bridgestone
 - Bristol-Myers Squibb
 - Broadcom
 - Cannon
 - Chevron
 - CNRS, French National Center for Scientific Research
 - Qualcomm
 - Renesas
 - Roche
 - Safran
 - Saint-Gobain
 - Samsung Electronics
 - Seagate

- Seiko Epson
- Shin-Etsu Chemical
- Showa Denko
- Sony
- Sumitomo Electric
- Symantec
- TE Connectivity
- Thales
- Toshiba
- Total S.A.
- Toyota Motor
- University of California
- Valeo
- Xerox
- Xilinx
- Yamaha
- Yaskawa Electric
- Yazaki

For more information on the 2016 Clarivate Analytics Top 100 Global Innovators program and to download the report, visit: <http://top100innovators.stateofinnovation.com/>

Clarivate Analytics

Clarivate™ Analytics accelerates the pace of innovation by providing trusted insights and analytics to customers around the world, enabling them to discover, protect and commercialize new ideas faster. Formerly the Intellectual Property and Science business of Thomson Reuters, we own and operate a collection of leading subscription-based businesses focused on scientific and academic research, patent analytics and regulatory standards, pharmaceutical and biotech intelligence, trademark protection, domain brand protection and intellectual property management. Clarivate™ Analytics is now an independent company with over 4,000 employees, operating in more than 100 countries and owns well-known brands that include Web of Science™, Cortellis™, Thomson Innovation™, Derwent World Patents Index™, CompuMark™, MarkMonitor® and Techstreet™, among others. For more information, please visit Clarivate.com.

About BD

BD is one of the largest global medical technology companies in the world and is advancing the world of health by improving medical discovery, diagnostics and the delivery of care. The company supports the heroes on the frontlines of healthcare by developing innovative technology, services and solutions that help advance both clinical therapy for patients and clinical process for healthcare providers. BD and its 65,000 employees have a passion and commitment to help enhance the safety and efficiency of clinicians' care delivery process, enable laboratory scientists to accurately detect disease and advance researchers' capabilities to develop the next generation of diagnostics and therapeutics. BD has a presence in virtually every country and partners with organizations around the world to address some of the most challenging global health issues. By working in close collaboration with customers, BD can help enhance outcomes, lower costs, increase efficiencies, improve safety and expand access to healthcare. In 2017, BD welcomed C. R. Bard and its products into the BD family. For more information on BD, please visit bd.com

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