Minimizing Patent Search Infodemics

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Abstract

An **"infodemic"** is defined as an excessive amount of information concerning a problem such that the solution is made more difficult. Knowing how to turn voluminous patent data to usable and reliable patent intelligence is not easy and can easily result in patent search results "infodemics".

Democratization of patent search tools with easy access to free and commercial enhanced patent databases have raised the expectation that at least *preliminary* patent searching can be done by any scientist, engineer, librarian, patent agent and attorney. If executed correctly, advanced AI assisted patent searching or tech mining can assist in a quicker triage of patents of interest. However, minor differences in choice of keywords, boolean search operators, classification codes, value-added indexing, citations, inventor names, original applicant or ultimate patent assignee names, usage of different databases can cause significant variations in patent search results, decreasing their trustworthiness, usability and reliability... It is hard for end-users or beginning patent searchers to have a grasp about the idiosyncrasies of patent data, source documentation or advanced patent search concepts. With malice towards none, the presentation provides a framework for better patent searches using different patent databases. This presentation identifies the common mistakes made during patent searching and the challenges involved in standardization or benchmarking of reports.

Speaker Introductions

Yateen Pargaonkar is the CEO and President of Riser IP LLC, a specialized patent search, analysis, and IP competitive intelligence service provider. Yateen's experience includes roles of increasing responsibility in the Energy sector (Chevron), Consumer Goods (P&G) as well as legal supporting Biotechnology, and Pharmaceuticals (top-tier IP law firms). He has taught a course at UCSD on Patent Searching & Internet Research. Yateen has degrees in chemistry, biochemistry, and molecular biology, as well as three years of research experience at Columbia University. He is a registered U.S. Patent Agent, a reviewer for World Patent Information, and an active member of PIUG.

Edlyn S. Simmons founded Simmons Patent Information Service, LLC, in 2009 after retiring from her positions as Principal Information Scientist in The Procter & Gamble Co.'s Infolytics group and Manager of the Patent Information Group in the Patent Department of Hoechst Marion Roussel, Inc. She received BS and MS degrees in chemistry from the University of Cincinnati and is a registered U. S. patent agent.

Ms. Simmons is a founding member of PIUG and served as Chair in 1990-1992 and Director-at-Large in 2000-2004 and 2005-10. She has been a member of the American Chemical Society Joint Board-Council Committee on Patents and Related Matters, in 2001-2011 and 2013-present. She received the International Patent Information Award in 2005.