

Charles Szmanda



The Patent Practice of Szmanda & Shelnut, LLC

Legal Services

<http://www.directoryinventor.com/profile/view/v2wXiECx>

Experience

Principal

The Patent Practice of Szmanda & Shelnut, LLC

Legal Services

July 2009 - Present

Registered Patent Agent, inventor, mentor and problem solver with a talent for leadership, a clear sense of strategy and a bias for action.

Research Fellow

Dow Advanced Materials

Chemicals

April 2009 - July 2009

Patent Agent

Patent Practice

Nanotechnology

2001 - 2009

Research Fellow

Rohm and Haas Electronic Materials

10,001+ employees; Public Company; Semiconductors

January 2000 - April 2009

All phases of patent preparation and prosecution. Patent strategy development. Patent Portfolio analysis. Prior art analysis.

Sr Fellow

Shiplely Co.

Nanotechnology

1989 - 1997

Director of Quality and Product Development

Aspect Systems

11-50 employees; Privately Held; Electrical/Electronic Manufacturing

1986 - April 1988

Designed and instituted quality systems and record keeping for startup company.

Sr. Research Specialist

Monsanto

10,001+ employees; Public Company; Biotechnology
1985 - 1988

Designed new high resolution photoresist materials. Determined fundamental mechanisms for how they worked.

Member of Technical Staff

Bell Labs Lucent Technologies

10,001+ employees; Public Company; Telecommunications
1979 - 1985

Designed and implemented industrial controls that improved device yield and simplified processes.

Student

University of Wisconsin-Madison

10,001+ employees; Educational Institution; Higher Education
1973 - 1979

Education

University of Wisconsin-Madison

Chemistry
1973 - 1979

Loyola University of Chicago

Chemistry
1971 - 1973

Antigo High School

Science and Math
1965 - 1969

Activities and Societies: Debate Team, Spanish Club, Student Council, Band

Patents (63)

Selenium/group 1B ink and methods of making and using same

Kevin Calzia, David Mosley, David L Thorsen, Charles R Szmanda

October 22, 2013: 08563088

Dichalcogenide selenium ink and methods of making and using same

Kevin Calzia, David Mosley, Charles R Szmanda
August 20, 2013: 08513052

Selenium/group 1b ink and methods of making and using same

Kevin Calzia, David W Mosley, Charles R Szmanda, David L Thorsen
November 13, 2012: 08309179

Curable compositions

Lujia Bu, Edward C Greer, Georg R Kestler, Alan I Nakatani, Charles R Szmanda
January 3, 2012: 08088467

Group 6a/Group 3a ink and methods of making and using same

Kevin Calzia, David Mosley, Charles Szmanda, David L Thorsen
November 24, 2011: 20110287614-A1

Thin film photovoltaic cell

Garo Khanarian, Nicola Pugliano, Charles R Szmanda, Jae Hyung Yi
September 29, 2011: 20110232758-A1

Selenium/Group 1b ink and methods of making and using same

Kevin Calzia, David W Mosley, Charles R Szmanda, David L Thorsen
March 31, 2011: 20110076799-A1

Dichalcogenide ink containing selenium and methods of making and using same

Kevin Calzia, David W Mosley, Charles R Szmanda, David L Thorsen
March 31, 2011: 20110076798-A1

Dichalcogenide Selenium Ink and Methods of Making and Using Same

David Mosley, Kevin Calzia, Charles Szmanda
January 27, 2011: 20110020981-A1

Compositions comprising carboxy component and processes for photolithography

Deyan Wang, Charles R Szmanda, George G Barclay, Cheng Bai Xu
July 8, 2010: 20100173245-A1

[View all \(63\)](#)