

Dr. Sharona Lahav

info@lahav-patents.com

+972-50-22-145-22

QUALIFICATIONS

Registered Patent Attorney experienced in drafting and prosecuting patent applications in a large variety of technological fields and conducting patentability and infringement searches.

PROFESSIONAL EXPERIENCE

Patent Attorney, self-employed.	2017-Present
Patent Attorney, Ben-Ami & Associates, Rehovot.	2017-Present
Patent Attorney, Seligsohn Gabrieli & Co., Tel Aviv.	2010-2016
Israel Patent Attorney License No. 367.	2009
Internship for patent writing/Patent Attorney License, Pearl Cohen Zedek Latzer, Herzliah and Miller-Sieradzki Advocates & Patent Attorneys, Haifa.	2007-2009
Internship for patent writing/Patent Attorney License, Shibolet & Co. Advocates & Notaries, Tel Aviv.	2007-2008

Experience in conducting patentability and infringement searches.

Experience in IL, US and EP prosecution.

Experience in drafting patent applications in various fields including physics, mechanics, chemistry, chemical engineering, materials engineering, nanotechnology, and medical devices.

Experience in drafting patent applications in areas including:

- Photolithography-based processes
- Multi-wavelength silicon laser arrays
- Turbulent flow coalescers
- Corona electrodes
- Laser controllable jets in liquids
- Gas sorbers
- Dental abutment assemblies
- Localization methods for mobile robots
- Gas detectors
- Alcohol analyzers
- Turret devices
- Drill bits
- Screw assemblies
- Prefabricated walls
- Games
- Derailleur hangers

EDUCATION

Doctor of Philosophy	Columbia University	Applied Physics and Applied Mathematics (Division of Materials Science and Engineering)	2007
Master of Philosophy	Columbia University	Applied Physics and Applied Mathematics (Division of Materials Science and Engineering)	2001
Master of Science	City College of New York, The City University of New York, NY	Chemical Engineering	1999
Bachelor of Science	University of South Florida	Chemical Engineering	1996

TEACHING EXPERIENCE

- Teaching Assistant, graduate math course: “Engineering Analysis”, Department of Chemical Engineering, City College of New York, 1998.
- Teaching Assistant, “Thermodynamics and Kinetics in Solids”, Columbia University, offered via Columbia Video Network (2001- 2004)

AWARDS

- Florida-Israel Institute Scholarship, 1994-1996
- Graduate Fellowship from The City University of New York, 1996-1999

AFFILIATIONS

- Materials Research Society (MRS)
- American Institute of Chemical Engineers (AIChE)

PUBLICATIONS AND PRESENTATIONS

Yikang Deng, Sharona Hazair, Alexander B. Limanov, Ui-Jin Chung, Paul C. Van der Wilt, Adrian M. Chitu and James S. Im, "Small-Grained Si Films Obtained via Single-Laser-Pulse-Induced Nucleation-Initiated Solidification of Amorphous Si Films: a New Crystallization Method ", MRS conference, 2007, San Francisco, CA

S. Hazair, P. C. van der Wilt, Y. K. Deng, U.-J. Chung, A. B. Limanov, and James S. Im, "Nucleation-Initiated Solidification of Thin Si Films", MRS conference, 2006, Boston, MA

Hazair, S, Somasundaram, P, and Maldarelli, C, "Surfactant adsorption to a clean air-water interface above the critical micelle concentration", Annual AIChE conference, 1999, Dallas, TX

Couzis, A, Maldarelli, C, Hazair, S, Green, D, "Crystal polymorph selection with template directed nucleation; calcium carbonate polymorphs under stearic acid monolayers", International Symposium on Industrial Crystallization, 14th, Cambridge, United Kingdom, Sept. 12-16, 1999 (1999), 1779-1787

Hazair, S, and Rinard, E., "Design of a Hydrogen Cyanide miniplant", Annual AIChE conference, 1997, Miami, FL

POSTER AWARD WINNER

Yikang Deng, Sharona Hazair, Alexander B. Limanov, Ui-Jin Chung, Paul C. Van der Wilt, Adrian M. Chitu and James S. Im, "Small-Grained Si Films Obtained via Single-Laser-Pulse-Induced Nucleation-Initiated Solidification of Amorphous Si Films: a New Crystallization Method ", MRS conference, 2007, San Francisco, CA

INVITED PRESENTATION

"Template crystallization of Vaterite under stearic acid monolayers", DuPont Research Station, 1997, Wilmington, DL