

PATENT COOPERATION TREATY

PCT

**THIRD PARTY OBSERVATION
(PCT Administrative Instructions Part 8)**

Applicant's or agent's file reference P120037.WO.01	
International application number PCT/GB2011/051565	International filing date (day/month/year) 19 Aug 2011 (19/08/2011)
Applicant OXFORD ENERGY TECHNOLOGIES LIMITED (+3)	

Third party observation submitted by Johannes Kobler	Observation submitted on behalf of NanoScape AG
Date of submission(day/month/year) 05 Jul 2012 (05/07/2012)	Language of observation English

<p>Basis and contents of observation</p> <p>1. The observation is made on the basis of the claims in the international application as filed.</p> <p>2. The observation comprises:</p> <p> <u>1</u> references to documents.</p> <p> <u>1</u> uploaded copies of documents.</p>

Citation #1 (Online database) (# uploaded documents: 1):

Author: Johannes Kobler	Title of Page Or Article: Thin Films from Porous Nanoparticles	Name of Database: http://edoc.ub.uni-muenchen.de
Database entry accession number or other identifier: urn:nbn:de:bvb:19-98694	Publication Date: 20 Apr 2009 (20/04/2009)	Retrieval Date:
DOI:		
Most relevant passages or drawings: page 90, 113, 119, 122, 123	Relevant to Claims: 1-10	
<p>Brief explanation of relevance:</p> <p>The document describes the synthesis of nanoparticles with a disordered, worm-like pore arrangement and a very small particle size between 15 and 30 nm. The suspensions of the template-free material are ideal candidates for the preparation of homogeneous spin-on thin films with a refractive index of 1.2 or lower. The films showed excellent optical qualities. Earlier (p65), the preparation of optical thin-films with very low refractive indices with or without additional binder was described.</p>		