



**SDI Review Form 1.6**

Journal Name:	<a href="#">Physical Review &amp; Research International</a>
Manuscript Number:	2013_PRRI_5663
Title of the Manuscript:	Improvement in Gasochromic Properties of Tungsten Trioxide by Optimized Pd Doping
Type of the Article	Research Paper

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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**PART 1: Review Comments**

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Compulsory</b> REVISION comments	<p>1 The English language needs improvement; carefully check spelling and grammar all over the paper.</p> <p>2 Most of graphes are not clearly displayed, especially for figure 1, figure 7 and figure 9.</p>	<p>1) We did our best</p> <p>2) Figure 1, is the TEM image of WO<sub>3</sub> grains. These spots in comparison with the microbar line of 20nm are smaller and so their sizes estimated to be 10-20nm.</p> <p>Figures 7 (now is figure 4), shows the Transmission spectrum versus wavelength at 300°C annealing temperature, (a) before and (b) after exposure of hydrogen gas, respectively and (c) after applying oxygen gas flow for 1 min. As figure shows the coloring of <math>\Delta T_1\% = 47\%</math> and bleaching of <math>\Delta T_2\% = 22\%</math> could be observed. In <math>\Delta T_1\% = T_a - T_b</math>, <math>T_a</math> is initial transmission and <math>T_b</math> is coloring state of glass and in <math>\Delta T_2\% = T_c - T_b</math>, <math>T_c</math> is bleaching and <math>T_b</math> is coloring state of glass.</p> <p>Figure 9(now is figure 6), is transmission variation (<math>\Delta T_1\%</math>) versus catalyst concentration which implies the optimum catalyst concentration of 0.05M PdCl<sub>2</sub> solution.</p>
<b>Minor</b> REVISION comments		



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<b><u>Optional/General</u></b> comments		
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