

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Nippon Petrochemicals Company, Limited	01/25/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Nippon Oil Corporation
<b>Street Address:</b>	3-12, Nishi Shimbashi 1-chome, Minato-ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	105-8412
<b>PROPERTY NUMBERS Total: 6</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	4997639
Patent Number:	5004811
Patent Number:	5308861
Patent Number:	5430051
Patent Number:	5567409
Patent Number:	6165481
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	016107 (1) - DJC

**CH \$240.00 4997639**

**PATENT**

**500240636**

**REEL: 019019 FRAME: 0610**

NAME OF SUBMITTER:

David J. Cushing

Total Attachments: 2

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## Assignment

Whereas, Nippon Petrochemicals Company, Limited, of 3-1, Yako 2-chome, Kawasaki-ku, Kawasaki, Kanagawa, Japan, hereinafter referred to as "Assignor", is the owner of the entire right, title and interest in United States Patent Nos. mentioned in the attached Schedule; and

Whereas, Nippon Oil Corporation, of Nippon Oil Corporation, of 3-12, Nishi Shimbashi 1-chome, Minato-ku, Tokyo 105-8412, Japan, hereinafter referred to as "Assignee", desires to acquire the entire right, title, and interest of Assignor in the said U.S. Patents;

Now, therefore, for valuable consideration, receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to the above-named Assignee, its successors and assigns, the entire right, title and interest of Assignor in the said U.S. Patents, and any reissues or re-examinations thereof, together with all claims for damages by reason of past infringement of the said U.S. Patents with the right to Assignee to sue for and collect the same for their own use and enjoyment.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

**Nippon Petrochemicals Company, Limited**

**Date:** January 25, 2007

**By:** *Hiroiku Kawai*  
**HIROIKU KAWAI**

**Title: Manager**  
**Manufacturing Technology Dept.**  
**Technical Service Group**

Schedule

Application No.	Patent No.
441303	4997639
137750	5004811
875367	5308861
229940	5430051
353882	5567409
09/218458	6165481