

# PATENT ASSIGNMENT

Electronic Version v1.1

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| <b>SUBMISSION TYPE:</b>                                                                                     | NEW ASSIGNMENT                     |
| <b>NATURE OF CONVEYANCE:</b>                                                                                | ASSIGNMENT                         |
| <b>CONVEYING PARTY DATA</b>                                                                                 |                                    |
| <b>Name</b>                                                                                                 | <b>Execution Date</b>              |
| Koichi Nakahara                                                                                             | 10/19/2004                         |
| Kenzo Nagami                                                                                                | 10/19/2004                         |
| Okitsugu Kajimoto                                                                                           | 10/29/2004                         |
| Kazuya Kobiro                                                                                               | 10/26/2004                         |
| <b>RECEIVING PARTY DATA</b>                                                                                 |                                    |
| <b>Name:</b>                                                                                                | Suntory Limited                    |
| <b>Street Address:</b>                                                                                      | 40, Dojimahama 2-chome             |
| <b>City:</b>                                                                                                | Kita-ku, Osaka-shi, Osaka 530-8203 |
| <b>State/Country:</b>                                                                                       | JAPAN                              |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                            |                                    |
| <b>Property Type</b>                                                                                        | <b>Number</b>                      |
| Application Number:                                                                                         | 10510972                           |
| <b>CORRESPONDENCE DATA</b>                                                                                  |                                    |
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| <b>NAME OF SUBMITTER:</b>                                                                                   | Manette Dennis                     |
| <b>Total Attachments: 2</b><br>source=KPO-SUN-P1-SN-71-US#page1.tif<br>source=KPO-SUN-P1-SN-71-US#page2.tif |                                    |

CH \$40.00 10510972

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**PATENT**  
**REEL: 015708 FRAME: 0507**

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ASSIGNMENT

We, **Koichi NAKAHARA**, having a residence address at 4-B205, Higashiizumigaoka 3-chome, Toyonaka-shi, Osaka 560-0861 Japan , a citizen of Japan,

**Kenzo NAGAMI**, having a residence address at 8-12, Mikunihonmachi 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0005 Japan, a citizen of Japan

**Okitsugu KAJIMOTO**, having a residence address at 1-37, Senrien 2-chome, Toyonaka-shi, Osaka 560-0046 Japan, a citizen of Japan, and

**Kazuya KOBIRO**, having a residence address at 4-2, Azounokitamachi 3-chome, Kochi-shi, Kochi 780-0010 Japan, a citizen of Japan (assignors),

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign jointly to

**SUNTORY LIMITED** (assignee), a corporation of Japan, having a place of business at 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8203 JAPAN

their successors, assigns and legal representatives, the entire right, title and interest in the United States and throughout the world in and to all subject matter invented by us and disclosed in the U.S. patent application executed concurrently with this assignment, entitled PROCESS FOR PRODUCTION OF HYDROGEN AND CARBONYL COMPOUNDS BY REACTING SUB-OR SUPER-CRITICAL WATER WITH ALCOHOLS which is the U.S. national patent application, based on International Application No. PCT/JP03/04471, filed April 9, 2003, and claiming the priority of Japanese Application No. JP 2002-111176, filed April 12, 2002, JP 2002-111177, filed April 12, 2002, JP 2002-229796, filed August 7, 2002, and JP 2002-229797, filed August 7, 2002 and in and to all applications for Letters Patent, Letters Patent and all Convention and Treaty rights of all kinds, in the United States and all other countries throughout the world, for all such subject matter, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting

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therefrom to said assignee. We, for ourselves and our legal representative, heirs and assigns, agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patents on said inventions and all assignments thereof to Suntory Limited or their assigns, to communicate to assignees or their representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignees, their successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications and patent to be borne and paid by assignee.

Executed: Oct. 19, 2004

Koichi Nakahara  
) ss.:  
)

Koichi NAKAHARA

Executed: Oct. 19, 2004

Kenzo Nagami  
) ss.:  
)

Kenzo NAGAMI

Executed: Oct. 29, 2004

Okitsugu Kajimoto  
) ss.:  
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Okitsugu KAJIMOTO

Executed: October 26, 2004

Kazuya Kobihiro  
) ss.:  
)

Kazuya KOBIRO