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   Takeshi Iwata, Yoshiki Okeda and Yoji Hori

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2. Name and address of receiving party(ies):
   Name: Takasago International Corporation
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                   Japan

   Domestic Address: _______________________________
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   Execution Date:  December 20, 2001

4. Application number(s) or patent number(s):
   If this document is being filed together with a new application, the execution date of the application is:
   ☑ December 20, 2001

   A. Patent Application Number: to be assigned

   B. Title of Invention:
      PROCESS FOR PRODUCING ISOPULEGOL

   Additional numbers attached?  □ Yes  ☑ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Fitzpatrick, Cella, Harper & Scinto
   30 Rockefeller Plaza
   New York, New York 10112-3801

   Telephone No.:  (212) 218-2100
   Facsimile No.:  (212) 218-2200

6. Number of applications and patents involved:
   One

7. Total fee (37 CFR 3.41):   $ 40.00
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   Name of Person Signing  Signature  Date
   January 14, 2002

Total number of pages including cover sheet, attachments, and documents: 2
ASSIGNMENT

FOR VALUE RECEIVED, I/we: Takeshi IWATA, Yoshiki OKEDA and Yoji HORI

Citizen(s) of Japan

residing at: all of c/o Takasago International Corporation, Central Research Laboratory, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 254-0073 Japan

hereby sell, assign, transfer and convey unto: TAKASAGO INTERNATIONAL CORPORATION

a corporation of Japan

having a place of business at: 37-1, Kamata 5-chome, Ohta-ku, Tokyo 144-8721 Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to: PROCESS FOR PRODUCING ISOPULEGOL

and described in an application for Letters Patent of the United States No. filed by us on

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oath and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal this 20th day of December, 2001

Assignors:

Takeshi IWATA

Yoshi HOKU

Yoshiki OKEDA

RECORDED: 01/15/2002

PATENT
REEL: 012484 FRAME: 0806