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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Masaru ICHIKAWA	01/24/2008
Ryoichi KOJIMA	02/07/2008
Yuji OGAWA	01/22/2008
Masamichi KURAMOTO	01/22/2008

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12067148

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PATENT REEL: 020682 FRAME: 0172

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ATTORNEY DOCKET NUMBER:	081909-0132	
NAME OF SUBMITTER:	Paul D. Strain	
Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif		

PATENT REEL: 020682 FRAME: 0173

ASSIGNMENT

POSMEDOOSUS

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee

MEIDENSHA CORPORATION

1-1, Osaki 2-chome, Shinagawa-ku,

Tokyo 141-0032 Japan,

Masaru ICHIKAWA

4-22-22, Hachikensanjonishi 4-chome,

Nishi-ku, Sapporo-shi,

and Hokkaido 063-0843 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention

PROCESS FOR PRODUCTION OF AROMATIC COMPOUND

as set forth in his/her United States Patent Application

check one

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensi

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names and
signatures
of
inventors

	date				date
Name:	Masaru Ichikawa	Name:	Ryoichi	Kojima	

Mame: Yuji Ogawa date 0//22/2018 <u>Manamuch Kuramoto</u> date 0//22/2018 Name: Masamichi Kuramoto

PATENT REEL: 020682 FRAME: 0174

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and
address of
assignee

MEIDENSHA CORPORATION

1-1, Osaki 2-chome, Shinagawa-ku,

Tokyo 141-0032 Japan,

Masaru ICHIKAWA

4-22-22, Hachikensanjonishi 4-chome,

Nishi-ku, Sapporo-shi,

and Hokkaido 063-0843 Japan

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title of invention

PROCESS FOR PRODUCTION OF AROMATIC COMPOUND

as set forth in his/her United States Patent Application

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()	executed concurrently herewith
()	executed on

(.X) Serial No. <u>PCT/JP2006/319497</u> Filed <u>September 29, 2006</u>

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

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Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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of this Assignment.

RECORDED: 03/20/2008

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signatures of	Name: Masaru Ichikawa	Name: Ryoichi Kojima
nventors		
	date	date
	Name: Yuji Ogawa	Name: Masamichi Kuramoto

PATENT REEL: 020682 FRAME: 0175