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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYUICHI KIYAMA	11/27/2003
YASUHIKO KANDA	11/27/2003
YUKIO TADA	11/27/2003
TOSHIO FUJISHITA	11/27/2003
TAKASHI KAWASUJI	11/27/2003
SHOZO TAKECHI	11/27/2003
MASAHIRO FUJI	11/27/2003

RECEIVING PARTY DATA

Name:	SHIONOGI & CO., LTD.
Street Address:	1-8, DOSHOMACHI 3-CHOME
Internal Address:	CHUO-KU, OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	541-0045

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14603979

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 711532000101 NAME OF SUBMITTER: LISA N. SILVERMAN SIGNATURE: /Lisa N. Silverman/

PAIENI REEL: 034823 FRAME: 0954 503153417

DATE SIGNED: 01/27/2015

Total Attachments: 2
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PATENT REEL: 034823 FRAME: 0955

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned
Insert Name(s) of Inventor(s)	Ryuichi KIYAMA, Yasuhiko KANDA, Yukio TADA, Toshio FUJISHITA, Takashi KAWASUJI, Shozo TAKECHI and Masahiro FUJI
Insert Name(s) of Assignee(s) Address	the undersigned hereby sell(s) and assign(s) to _Shionogi & Co., Ltd
	of _1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 JAPAN
Title of Invention	(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as _ANTIVIRAL AGENT
Date of Signing of Application	for which an application for patent in the United States has been executed by the undersigned
	November 27, 2003

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

PATENT REEL: 034823 FRAME: 0956

In witness whereof, execut name(s).	ted by the undersigned on the date(s) opposite the undersigned
Date	_, Name of the Inventor
Date	_, Name of the Inventor familie funda
	_, Name of the Inventor Jukio Tada.
Date	, Name of the Inventor Toshio Fujishita
Date	, Name of the Inventor Takashi kawasaji , Name of the Inventor Structure
Date	_, Name of the Inventor
Date	, Name of the Inventor Masch h
(This assignment should p	referably be acknowledged before a United States Consul. If not, r(s) should be witnessed by at least two witnesses who sign here.)
Witness	Hatrufret James 7
Witness	Katsuhiko TAMAKI
A	Ken-ichi SUGITA CKNOWLEDGMENT
personally came the above-named	day of, 19, before me me personally known as the individual(s) who executed the nowledge to me that he (they) executed the same of his (their) own et forth.
SEAL	Official Signature
	Official Title
The above application may	be more particularly identified as follows:
U.S. Application Serial No.	Filing Date
	Atty Docket No.

PATENT REEL: 034823 FRAME: 0957

RECORDED: 01/27/2015