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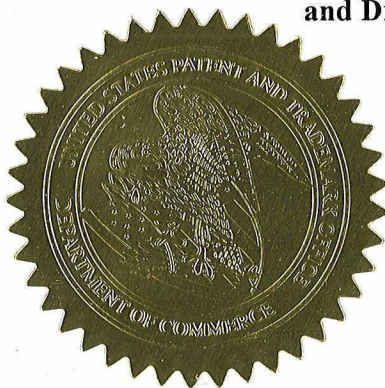
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APPLICATION NUMBER: 07/233,752

FILING DATE: August 19, 1988

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**M. TARVER
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Mylan Exhibit 1003, Page 1

SERIAL NUMBER **233752** PATENT DATE PATENT NUMBER

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APPLICANTS
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CONTINUING DATA**
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FOREIGN/PCT APPLICATIONS**
 VERIFIED JAPAN 207224/1987 08/20/87
 JAPAN 15585/1988 01/26/88

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35 USC 119 conditions met:	<input type="checkbox"/> yes <input type="checkbox"/> no		JPX	0	35	1	\$ 630.00	49-111-0

Verified and Acknowledged: [Signature]
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TITLE
 QUINOLINE TYPE MEVALONOLACTONES

U.S. DEPT. of COMM.-Pat. & TM Office - PTO-436L (rev. 10-78)

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NOTICE OF ALLOWANCE MAILED		PREPARED FOR ISSUE		CLAIMS ALLOWED	
		Assistant Examiner	Docket Clerk	Total Claims	Print Claim
ISSUE FEE		Primary Examiner		DRAWING	
Amount Due	Date Paid			Sheets Drwg.	Figs. Drwg.
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		Class	Subclass		

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233752

PATENT APPLICATION SERIAL NO. _____

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FEE RECORD SHEET

080 08/22/88 233752

1 101

630.00 CK

PTO-1556
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233752

SIR:

TRANSMITTED HEREBY FOR FILING IS THE PATENT APPLICATION OF

INVENTOR(S) YOSHIHIRO FUJIKAWA ET AL

FOR QUINOLINE TYPE MEVALONOLACTONES

ENCLOSED ARE

- _____ SHEETS OF DRAWINGS.
- A CERTIFIED COPY OF A _____ APPLICATION.
- AN ASSIGNMENT OF THE INVENTION TO _____
- A VERIFIED STATEMENT TO ESTABLISH SMALL ENTITY STATUS UNDER 37 CFR 1.27.

LIST OF INVENTORS' NAMES AND ADDRESSES, NOTICE OF PRIORITY
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THE FILING FEE IS CALCULATED BELOW

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	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
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TOTAL CLAIMS	35-20	15	x 6		x 12	180
INDEP CLAIMS	1-3	0	x17		x 34	0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTATION			+55		+110	0
<input checked="" type="checkbox"/> LATE FILING OF DECLARATION			+55		+110	110
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+26		+26	0
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OBLON, FISHER, SPIVAK,
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Norman F. Oblon



630,00 101A

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Our Ref.: NC-115

51

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QUINOLINE TYPE MEVALONOLACTONES

The present invention relates to novel mevalonolactones having a quinoline ring, processes for their production, pharmaceutical compositions containing them and their pharmaceutical uses particularly as anti-hyperlipidemic, hypolipoproteinemic and anti-atherosclerotic agents, and intermediates useful for their production and processes for the production of such intermediates.

Some fermentation metabolic products such as compactine, CS-514, Mevinolin or semi-synthetic derivatives or fully synthetic derivatives thereof are known to be inhibitors against HMG-CoA reductase which is a rate limiting enzyme for cholesterol biosynthesis. (A. Endo J. Med Chem., 28(4) 401 (1985))

CS-514 and Mevinolin have been clinically proved to be potentially useful anti-hyperlipoproteinemic agents, and they are considered to be effective for curing or preventing diseases of coronary artery sclerosis or atherosclerosis. (IXth Int. Symp. Drugs Affect. Lipid

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