

08-27-2001

To the Honorable 101823554 Please record the attached original

'rademarks: copy thereof.

Name of Party(ies) conveying an interest:

> Jun Iida Yoshikazu Iinuma Naoki Kurihara Takashi Nemoto

Name and Address of Party(ies) receiving an interest:

ROHM CO., LTD. 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto, JAPAN

3. Description of the interest conveyed: Assignment

4. Application number(s) or patent number(s).

Additional sheet attached? Yes XXX No

If this document is being filed together with a new application, the execution date of the application is:

DATE

A. Patent Application No.(s)

B. Patent No.(s)

09/577,013

Name and address of party to whom correspondence concerning document should be mailed:

> John R. Mattingly Mattingly, Stanger & Malur, P.C. 1800 Diagonal Road, Suite 370 Alexandria, Virginia 22314

- Number of applications and patents involved:
- 7. Amount of fee enclosed or authorized to be charged: \$40.00
- The Commissioner is hereby authorized to charge Deposit Account No. 50-1417 if no check is attached.

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Execution date of attached document: May 12, 2000

10. To the best of my knowledge and belief, I declare under penalty of perjury under the laws of the United States of America that the foregoing information is true and correct and that any attached copy is a true copy of the original

John R. Mattingly Name of Person Signing

August 22, 2001

Total number of pages being submitted: 3

PATENT

REEL: 012093 FRAME: 0497

ASSIGNMENT

IN CONSIDERATION o	f the sum of One Dollar (\$1.00) or the	
equivalent thereof, and other good and valuable consideration paid to the undersigned by (Name) ROHM CO., LTD.			
(If a corporation, then	state of incorporation J	apan)	
located at (full addres	s) 21, Saiin Mizosaki-cho	, Ukyo-ku, Kyoto,	
Japan			
hereby warrant title to	eby acknowledged, the und , and sell and assign to	ersigned do/does	
successors and assigns.	all our/my right title	salu assignee, its and interest in	
successors and assigns, all our/my right, title and interest, in and for the United State of America and all foreign countries,			
including all rights of DELAY CIRCUIT	priority, in and to the	invention entitled	
invented by us/me and d	escribed in the applicati	on for United States	
Letters Patent therefor	identified as: .		
() Serial No. (X) executed on even	date herewith or	; or	
() executed on	. and	all United States and	
foreign Letters Patent	which may be granted ther	efor, the said	
interest being the enti	re ownership of the said	Letters Patent when	
granted, to be held and enjoyed by said assignee, its successors, assigns or other legal representatives, to the full end of terms for			
	representatives, to the fi nt may be granted, as ful		
the same would have bee	n held and enjoyed by us/	me if this assignment	
and sale had not been m			
And we/I hereby ag	ree to sign and execute a	ny further documents	
or instruments which ma	y be necessary, lawful, a	nd proper in the	
and prosecution of any	ve-named application or i	n the preparation	
and prosecution of any continuing, continuation in-part, substitute, divisional, renewal, reviewed or reissue applications or in any			
amendment, extension, or interference proceedings, or otherwise to			
secure the title theret	o in said assignee;		
A - 1 / T - 1 - 1		- C	
And we/I do hereby authorize and request the Commissioner of Patents and Trademarks, or equivalent, to issue said Letters Patent			
to said assignee, and Thomas E. Beall, Robert E. Bushnell, or John			
R. Mattingly, 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 and Trademark Office for			
recordation of this doc	ument.		
Signed this 12th	day of May	2000	
Signed this 12th day of MAY , 2000			
	•		
Chan Mada	Joshchan Sinuma	Marker Kund	
Signature	Joshcheyn Sinuma Signature	Signature	
Jorginacure	0.18		
Jun IIDA Name (Typed or printed)	Yoshikazu IINUMA Name (Typed or printed)	Naoki KURIHARA Name (Typed or printed)	
Name (Typed or printed)	Name (Typed or printed)	Name (Typed or printed)	
itness:			
1. 1. 2 41	Joshu Mitoba	Joshin matchen	
Jeshu Maloba	Josh 1111 0 50	Jeshio III	
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PATENT REEL: 012093 FRAME: 0498

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equivalent thereof, and of to the undersigned by (Na (If a corporation, then s	the sum of One Dollar (\$1 other good and valuable come) ROHM CO., LTD. state of incorporation Jajo 21, Saiin Mizosaki-cho,	onsideration paid
Japan receipt of which is hereb hereby warrant title to, successors and assigns, a and for the United State	oy acknowledged, the under and sell and assign to sa all our/my right, title an of America and all foreig priority, in and to the in	signed do/does aid assignee, its ad interest, in an countries,
invented by us/me and des Letters Patent therefor : () Serial No. () executed on even of () executed on foreign Letters Patent which said Letters Patent which said Letters Patent	, filed late herewith; or , and late may be granted there e ownership of the said Le enjoyed by said assignee, epresentatives, to the fu t may be granted, as full held and enjoyed by us/me	; or all United States and for, the said etters Patent when its successors, ll end of terms for y and entirely as
or instruments which may prosecution of said above and prosecution of any continuous and prosecution of any continuous and property and	ee to sign and execute and be necessary, lawful, an e-named application or in ontinuing, continuation is iewed or reissue applicat interference proceedings in said assignee;	d proper in the the preparation n-part, substitute, ions or in any
Patents and Trademarks, to said assignee, and Th R. Mattingly, the power	authorize and request the or equivalent, to issue somas E. Beall, Robert E. to insert on this assignment be necessary or desirably aited States Patent and Trument.	Bushnell, or John ent any further e in order to comply
Signed this <u>12th</u>	day of MAY	, <u>2000</u> .
Jakashi Nemoto Signature	Signature	Signature
Takashi NEMOTO Name (Typed or printed)	Name (Typed or printed)	Name (Typed or printed)
Vitness:		
Joshi matoba		T.

RECORDED: 08/22/2001

PATENT REEL: 012093 FRAME: 0499