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## RECORDATION COVER SHEET PATENTS

To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original documents or copies thereof.

1. Name(s) of conveying party(ies):

Sadao MASUBUCHI, Shigeru FUTAKAMI, Masaaki MATSUNAGA, Masafumi YOKOYAMA, Akira SHIOTA, and Shinichi NONAKA

2. Name(s) and Address(es) of receiving party(ies):

CITIZEN WATCH CO., LTD. 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0428 JAPAN

3. Nature of conveyance: Assignment Execution Date: September 20, 1999

4A. Patent Application No.(s):

Application execution date: September 20, 1999

4B. Patent No.(s):

5. Name and Address of Party to whom correspondence regarding this document should be mailed:

Smith, Gambrell & Russell, LLP Beveridge, DeGrandi, Weilacher & Young Intellectual Property Group 1850 M Street N.W. (Suite 800)

10/01/1999 NCLAWSRIS 100000043, 00:402228036

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- 6. Total number of applications and patents involved : one
- 7. Total fee: \$40.00.

(Enclosed. Please charge any deficiency or refund any excess to counsel's deposit account.)

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9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Name of Person Signing: Michael A. Makuch, Reg. No. 32,263

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Signature:

Date: September 28, 1999

PATENT

REEL: 010427 FRAME: 0237

## **ASSIGNMENT**

This assign	nment agreement is a OPTICAL PRINTER	applicable to an inventic APPARATUS	on entitled (Invention			
The PATE	NT RIGHTS referred t	to in this agreement are	:	•		
(check one)	□ a patent application	a patent application for this invention, executed by the ASSIGNOR(S)				
	concurrently with					
	□ U.S. patent applic	ation Serial No.	, filed			
Ć	No. PCT/JP99/00395	a U.S. patent application based on PCT International Application No. PCT/JP99/00395 filed on (date) January 29, 1999 (U.S. patent				
	application Serial I	No, if kr	nown).	**		
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		of the filing date of any	U.S. or foreign pate	nt application		
	for this invention.					
		n this agreement is (or				
signatures app	pear on page 2 of this	s Assignment and any S	Supplemental Sheet(	S).		
The ASSIG	NEE referred to in thi ignee)Watc	is agreement is:				
			162 01120 Taman			
(Address)	i, Nishishinjuku 2-c	chome, Shinjuku-ku, Tol	(yo, 163-0420 Japan			
The ASSIGNE	F is:					
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	□ A Corporation of	Japan	(specify s	state or country)		
	□ (other)			nato or ocarrery,		
	, , , , , , , , , , , , , , , , , , ,	<b>→</b>				
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		of which is acknowled	•	•		
	ASSIGNEE, its succes		, ,			
the full an	d exclusive right to the	he invention;				
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	<del>-</del>	r any past infringement;				
		r 35 USC 119, 35 USC		pplicable		
_		r patent applications fo		•		

PATENT REEL: 010427 FRAME: 0238

## THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO

ASSIGNEE: Citizen Watch Co., Ltd.

INVENTION TITLE:	OPTICAL	PRINTER	APPARATUS

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

2" 1 1 1 1

Sædao MASUBUCHI	Sadar Masubuchi	September 20, 1999	
Name of sole or first inventor	Signature	Date	
Słigeru FUTAKAMI	Shigeru Futakani	September 20, 1999	
Name of second inventor, if any	Signatůre	Date	
Masaaki MATSUNAGA	Maroahi Mataunaga	September 20, 1999	
Name of third inventor, if any	Signature	Date	
Masafumi YOKOYAMA	Markoni Cakogama	September 20, 1999	
Name of fourth inventor, if any	<u>Massfuri</u> Skoyama Signature	Date	
Akira SHIOTA	Akma Stricta	September 20, 1999	
Name of fifth inventor, if any	Signature	Date	
Słinichi NONAKA	Shinishi Nonaka	September 20, 1999	
Name of sixth inventor, if any	Signature	Date	
Name of seventh inventor, if any	Signature	Date	
Name of eighth inventor, if any	Signature	Date	
Name of ninth inventor, if any	Signature	Date	

º 1987, 1992 Beveridge, DeGrandi, Weilacher & Young

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