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Patents and Trademarks:
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ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):
Tomoo IKEDA, Etsuo YAMAMOTO and
Yoshimasa SHIRAI
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: CITIZEN WATCH CO., LTD.
Internal Address:
Street Address: 1-1, Nishi-Shinjuku, 2-chome,
Shinjuku-ku, Tokyo, Japan
City:
State: Zip Code:

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: March 10, 1998

Additional name(s) & Address(es) attached?
 Yes No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: March 10, 1998
A. Patent Application Number(s):
09/051267
Additional numbers attached? Yes No

B. Patent Number(s):

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Mr. Ernest F. Chapman
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.
Street Address: 1300 I Street, N.W.
City: Washington DC Zip: 20005-3315

6. Total number of applications and registrations involved: 1
7. Total fee (37 CFR 3.41): \$40 E

Enclosed (Please charge deficiency to deposit account)
Authorized to be charged to deposit account
8. Deposit account number: 06-0916

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.
Ernest F. Chapman

Signature Date: April 7, 1998

Total number of pages including cover sheet, attachments and documents: 2

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert
ASSIGNEE's
Name(s)
Address(es))

CITIZEN WATCH CO., LTD.

1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo, Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of
Invention)

INK JET HEAD AND PROCESS FOR PRODUCING THE SAME

relating to International Patent Application PCI/JP 96 / 03206 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____ ;
(b) filed on _____ ,
Serial No. _____ / _____ ;

_____) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) <u>Tomoo Ikeda</u> (SIGNATURE)	<u>Tomoo Ikeda</u> (TYPE NAME)	<u>March 10, 1998</u> (DATE)
2) <u>Etsuo Yamamoto</u> (SIGNATURE)	<u>Etsuo Yamamoto</u> (TYPE NAME)	<u>March 10, 1998</u> (DATE)
3) <u>Yoshimasa Shirai</u> (SIGNATURE)	<u>Yoshimasa Shirai</u> (TYPE NAME)	<u>March 10, 1998</u> (DATE)
4) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
5) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
6) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
7) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
8) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)