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10971 U.S. PTO  
09/912503  
07/26/01

Director of Patents and Trademarks: Please record the attached original documents or copy thereof.

Submission type: X New

Conveyance type: X Assignment

Conveying Party(ies): (Last, First, Middle Initial) Execution Date

First party Name: KIMURA, Kenichi July 17, 2001

Second party Name: OSHINO, Genzi July 17, 2001

Additional name(s) of conveying party(ies) attached? Yes \_\_\_ No X

Receiving Party (ies):

First party Name: TOHOKU RICOH CO., LTD.  
Address: 3-1 Aza-Shinmeido, Oaza-Nakanomyo, Shibata-machi,  
Shibata-gun, Miyagi 989-1695, Japan

Additional name(s) & address(es) attached? Yes \_\_\_ No XX

Domestic Representative Name and Address (Enter for the first Receiving Party only)

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

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**Correspondent Name and Address**

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

Telephone: 202-659-2930

**Pages** Enter the total number of pages of the attached conveyance document:   1    
(including any attachments, but not counting cover sheets)

**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes  No   
A. Patent Application No.(s)                      B. Patent No.(s)  
    ##    ##

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: July 17, 2001  
(Do not recite both application and patent numbers.)

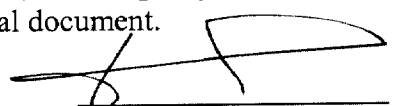
**Patent Cooperation Treaty (PCT)**                      PCT \_\_\_\_\_  
Enter PCT application number only if                      PCT \_\_\_\_\_  
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**Number of Properties** Enter the total number of properties involved:   1  

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**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.

Ken-Ichi Hattori  
Name of Person Signing

  
Signature

July 26, 2001  
Date

32,861  
Registration No.

KH/yap

# 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))

TOHOKU RICOH CO., LTD. of 3-1, Aza-Shinmeido, Oaza-Nakanomyo,  
Shibata-machi, Shibata-gun, Miyagi 989-1695, 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)

PRINTER

If the assignment is  
being filed after the filing  
of the application, this  
action must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on \_\_\_\_\_, Serial No. \_\_\_\_\_  
(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

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

Signatures)

<u>Kenichi Kimura</u> (SIGNATURE)	<u>Kenichi KIMURA</u> (TYPE NAME)	<u>17/July/2001</u> (DATE)
<u>Genzi Oshino</u> (SIGNATURE)	<u>Genzi OSHINO</u> (TYPE NAME)	<u>17/July/2001</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
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_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

PATENT (DATE)