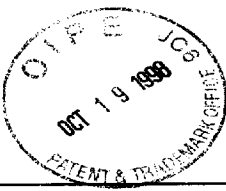


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To The Honorable C  
Please record the attd Trademarks:  
or copy thereof.

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

Michitoshi Sumikawa  
Hiroyasu TakahashiAdditional name(s) of conveying  
party(ies) attached? Yes X No2. Name and address of receiving  
party(ies):Name: IBM Corporation  
Address: New Orchard Road  
Armonk, NY 10504Additional name(s) & addresses  
attached? Yes X No

## 3. Nature of conveyance:

X AssignmentExecution Date(s): 8/24/98

## 4. Patent Application number(s)

Serial No. 09/132,943  
Filed: August 11, 1998  
Execution Date(s): 8/24/985. Name and address of party to  
whom correspondence concerning  
document should be mailed:Name: Louis P. Herzberg  
Address: IBM Corporation  
Intellectual Property Law  
P.O. Box 218  
Yorktown Heights, NY 105986. Total number of applications  
involved: 17. Total fee (37 CFR 3.41): \$40.00 eX Charge to Deposit Account No.:  
09-0468

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## 8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true  
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Louis P. Herzberg

Oct 14, 98

Name of Person Signing  
Reg. No. 41,500

Signature

Date

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Washington, DC 20231, and to the Office of Management and Budget, Paperwork  
Reduction Project (0651-0011), Washington, DC 20503.

## Assignment

Whereas, we

INVENTOR  
AND CITY

(1) Michitoshi Sumikawa

of Kanagawa-ken, Japan

INVENTOR  
AND CITY

(2) Hiroyasu Takahashi

of Kanagawa-ken, Japan

TITLE

have invented certain improvements in  
APPARATUS AND METHOD OF BITMAP IMAGE PROCESSING, STORAGE MEDIUM  
STORING AN IMAGE PROCESSING PROGRAM

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

and executed, respectively, a United States patent application  
therefor on (1) Aug 124, 1998 and (2) Aug /24, 1998

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a  
corporation of New York, having a place of business at Armonk,  
New York 10504, (hereinafter called IBM), desires to acquire the  
entire right, title and interest in the said application and  
invention, and to any United States and foreign patents to be  
obtained therefor;

Now therefore, for a valuable consideration, receipt  
whereof is hereby acknowledged, we, the above named, hereby sell,  
assign, and transfer to IBM, its successors and assigns, the  
entire right, title and interest in the said application and  
invention therein disclosed for the United States and foreign  
countries, and all rights of priority resulting from the filing  
of said United States application, and we request the  
Commissioner of Patents to issue any Letters Patent granted upon  
the inventions set forth in said applications to IBM, its  
successors and assigns; and we hereby agree that IBM may apply  
for foreign Letters Patent on said invention and we will execute  
all papers necessary in connection with the United States and  
foreign applications when called upon to do so by IBM.

Signed and sealed

CITY AND  
DATE

(1) at Yamato  
on Aug 124, 1998, Michitoshi Sumikawa SIGNATURE  
(Michitoshi Sumikawa) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND  
DATE

(2) at Yamato  
on Aug /24, 1998, Hiroyasu Takahashi SIGNATURE  
(Hiroyasu Takahashi) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

State of ) ss.:  
County of )

INVENTOR  
(1)

On this 24th day of August 1998, before me  
personally came Michitoshi Sumikawa to me personally  
known, and known to me to be the person described in and who  
executed the foregoing assignment, and he acknowledged to me that  
he executed the same as his free act and deed.

Hirosaki Sakaguchi   
Notary

State of ) ss.: HIROSHI SAKAGUCHI  
County of ) (Patent Attorney)  
(Registration Number: 8624)

INVENTOR  
(2)

On this 24th day of August 1998, before me  
personally came Hiroyasu Takahashi to me personally  
known, and known to me to be the person described in and who  
executed the foregoing assignment, and he acknowledged to me that  
he executed the same as his free act and deed.

Hirosaki Sakaguchi   
Notary

HIROSHI SAKAGUCHI  
(Patent Attorney)  
(Registration Number: 8624)