

Atty. Docket No. JP920030207US1

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

Yoichi Taira  
Daiju Nakano

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

## 2. Name and address of receiving party(ies):

Name: International Business  
Machines Corporation  
Address: New Orchard Road  
Armonk, NY 10504

Additional name(s) & addresses  
attached?     Yes   X   No

## 3. Nature of conveyance:

  X   Assignment

Execution Date(s): October 5, 2004.

## 4. Patent Application number(s)

10/960,318 Filed October 7, 2004

Execution Date(s): October 5, 2004.

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

Name: Louis P. Herzberg  
Address: IBM Corporation  
Intellectual Property Law Dept.  
P.O. Box 218  
Yorktown Heights, NY 10598

## 6. Total number of applications involved: 1

## 7. Total fee (37 CFR 3.41): \$40.00

  X   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 and correct and any attached copy is a true copy of original document.

Louis P. Herzberg(Reg. No. (41,500)

Name of Person Signing

Signature 

November 24, 2004

Date

Total Number of pages including cover sheet,  
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(JOINT FORM)

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## Assignment

Whereas, we

INVENTOR  
AND CITY

(1) Yoichi Taira

of Tokyo-to  
JapanINVENTOR  
AND CITY

(2) Daiju Nakano

of Kanagawa-ken  
Japan

TITLE

have invented certain improvements in


**DISPERSIVE ELEMENT, DIFFRACTION GRATING, COLOR DISPLAY DEVICE,  
DEMULTIPLEXER, AND DIFFRACTION GRATING MANUFACTURE**DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATIONand executed, respectively, a United States patent application therefor on  
(1) 10/5/2004, and (2) 10/5/2004.

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;

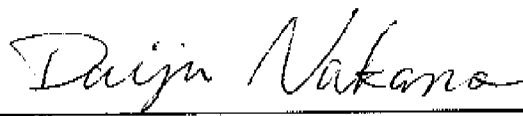
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign 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 10/5/2004,

  
(Yoichi Taira) SIGNATURE  
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR

CITY AND  
DATE(2) at Yamato  
on 10/5/2004,

  
(Daiju Nakano) SIGNATURE  
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR