01-08-1999

To the Commissioner of Patents 1008733	Atty. Docket: 35.C11328			
1000700	original documents or copy thereof.			
. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Shin KOBAYASHI, Tsuyoshi FURUSE, Satoshi YUASA, Naoko MIURA,	Name: CANON KABUSHIKI KAISHA			
Takashi IWAKI and Yasuko TOMIDA  Additional name(s) of conveying party(ies) attached?	Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku			
	Tokyo, JAPAN			
☐ Yes				
	Domestic Address:			
X Assignment Merger				
Change of Name  Corrective  Change of Name  Corrective  Change of Name  Corrective				
of assignor on reel 8084, Frame	City: State ZIP			
Execution Date: May 15, 1996				
	Additional name(s) & address(es) attached?  Yes  No			
. Application number(s) or patent number(s):  If this document is being filed together with a new application	, the execution date of the application is:			
A. Patent Application Number:	B. Title of Invention:			
08/627,566, filed April 4, 1996	METAL-CONTAINING COMPOSITION FOR FORMING ELECTRON-EMITTING DEVICE			
	(AS AMENDED)			
Additional numbers attached?	Yes X No			
1 7	6. Number of applications and patents involved:			
Th	One			
Name: Fitzpatrick, Cella, Harper & Scinto	7. Total fee (37 C.F.R. § 3.41): \$40.00			
30 Rockefeller Plaza				
New York New York 10112-3801	X Enclosed			
	Authorized to be charged to deposit account  8. Deposit account number (for deficiency or excess)			
•	06-1205			
1 acsimic 10 (212) 210-2200	(Attach duplicate copy of this page if paying by deposit account):			
DO NOT USE THIS SPACE 40E				
. Statement and signature.	THIS SPACE  WOSPEC  FOR			
To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a				
1/1/1/1/1				
Lawrence A. Stahl, Reg. No. 30,110  Name of Percep Signing  December 15, 1998				
Name of Person Signing  Date  Total number of pages including cover sheet, attachments, and documents: Two				
To the best of my knowledge and belief, the foregoing informative copy of the original document.  Lawrence A. Stahl, Reg. No. 30,110	December 15, 1998			
	Nature of conveyance:    Assignment			

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PATENT REEL: 9446 FRAME: 0976

	08-2	20-1996	7021366 A	
Form-PTO-1595 W JUL 1-31-92 JUL 49			ION Atty. Docket: 35.C11328	
	To the Commissioner of Patents and T	A ATOM CHILD CHART SHEN REACTION ISON	nal documents or copy thereof.	
1.	Name of contrying party(ies) SHIN KOBA KAN, TSUKOSHI FURUSE, SATOSHI YUASA, NAOLO MIURA, TAKASHI IWAKI, and		of receiving party(ies):  CANON KABUSHIKI KAISHA	
	YASUKO TOMIDA	114440.	ANON KADOSHIKI KAISHA	
			00-2, 3-chome, Shimomaruko, Ohta-ku	
	Additional name(s) of conveying party(ies) attached?  Yes No	T	Tokyo, Japan	
3.	Nature of conveyance:	1		
	X Assignment	Domestic Address: _		
	Security Agreement Change of Name Other			
	Execution Date: May 15, 1996	City:	State ZIP	
		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 A. Patent Application Number: 08/627,566  Filing Date: April 4, 1996	n, the execution date of  B. Title of Inven  METAL-CON  FORMING E.  METHODS O	f the application is:	
5.	Additional numbers attached?  Name and address of party to whom correspondence	Yes X	No 08/20/96 cations and patents involved:	
	concerning document should be mailed:	or mander or approximately	One	
	Name: Fitzpatrick, Cella, Harper & Scinto			
	277 Park Avenue		R 3.41): \$ 40.00	
	New York, New York 10172-0194	X Enclosed Authorized to	be charged to deposit account	
	Telephone No.: (212) 758-2400		number (for deficiency or excess)	
	Facsimile No.: (212) 758-2982		06-1205  opy of this page if paying by deposit account):	
	DO NOT USE T		10 11 0 1	
	201101 002	HIS SPACE		
9.	Statement and signature.			
To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.				
	PENINA WOLLMAN MAN	1	Tub. 15 1004	
	PENINA WOLLMAN Name of Person Signing Signal	ture .	July 15, 1996  Date	

REEL: 9446 FRAME: 0977

## ASSIGNMENT OF ENTIRE INTEREST IN AN INVENTION

WHEREAS I/we, the undersigned (hereinafter referred to ASSIGNOR), have invented a certain improvement in

METAL-CONTAINING COMPOSITION FOR FORMING ELECTRON-EMITTING DEVICE AND METHODS OF MANUFACTURING ELECTRON-EMITTING DEVICE, ELECTRON SOURCE AND IMAGE-FORMING APPARATUS

for which I am/we are about to make/have made application for Letters Patent of the United States of America, identified as

Application No. 08/627,566

filed on

April 4, 1996

, and

WHEREAS

CANON KABUSHIKI KAISHA

(hereinafter ASSIGNEE), a corporation duly organized under the laws of Japan, and having its principal office at

30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, Japan

and duly represented by FUJIO MITARAI , its President, is desirous of acquiring the same.

NOW THEREFORE, in consideration of the payment of lawful money and other consideration, the receipt of which I/we hereby acknowledge, ASSIGNOR hereby sells, assigns and transfers unto ASSIGNEE the full and exclusive right for the territory of the United States of America in and to said invention as described in the specification entitled as above preparatory of obtaining Letters Patent of the United States of America therefor, and an invention to be described in a reissue, division, continuation or continuation—in—part application, if this be filled in later; said invention, application, and Letters Patent to be held and enjoyed by ASSIGNEE for his own use and behoof, and for his legal representative, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me/us had this assignment and sale not been made.

Executed at Tokyo, Japan

this 15th day of May, 1996

In the presence of:

Seijin Kato

mayir orifice

By.

CHIN PODAVACUT

\_\_\_

rsuyoshi furuse

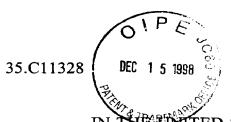
By: SATOSHI VI

By: <u>Naoko Miura</u>

By: <u>Jakashi Jwaki</u> TAKASHI IWAKI

> PATENT REEL: 9446 FRAME: 0978

581 - 40



## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re	Application of:	)	
SHIN	KOBAYASHI, ET AL.	:	Examiner: M. Kopec
DIIII	ROBATASIII, ET AL.	,	Group Art Unit: 1751
Appln	. No.: 08/627,566	)	Group Art Offit. 1731
		:	Allowed: October 15, 1998
Filed: April 4, 1996		)	
	_	:	Batch No.: K50
For:	METAL-CONTAINING	)	
	COMPOSITION FOR	:	December 15, 1998
	FORMING ELECTRON-	)	
	EMITTING DEVICE	:	
	(AS AMENDED)	)	

U.S. Patent and Trademark Office Assignment Division BOX ASSIGNMENTS, CG-4 1213 Jefferson Davis Highway, Suite 320 Washington, D.C. 20231

## REQUEST FOR CORRECTED NOTICE OF RECORDATION OF ASSIGNMENT

Sir:

Applicants have received a Notice of Recordation of Assignment Document in the above-identified application. However, the Notice incorrectly lists the document execution date of the fifth inventor, Takashi Iwaki, as "May 19, 1996". Furthermore, the state of the fifth inventor in the same as "NAOLO MIURA". Although the execution date error is an error on the part of the Patent Office since the execution date of the execution date.

PATENT 등 등 REEL: 9446 FRAME: 0979 each inventor was properly set out on the Transmittal of Document for Recordation -Patents Only (Form PTO-1595), the error in the fourth inventor's name is Applicants' error since Applicants erroneously set out the fourth inventor's name on the originally-filed Transmittal (Form PTO-1595).

Issuance of a corrected Notice of Recordation, with the fifth inventor's execution date correctly listed as --May 15, 1996-- and with the fourth inventor's name correctly listed as --NAOKO MIURA--, is respectfully requested. For this purpose, attached hereto are: (1) a copy of the Assignment document; (2) a copy of the stamped Transmittal (Form PTO-1595), with the incorrectly recorded items highlighted on the transmittal; (3) a duplicate copy of the Notice of Recordation obtained from the Patent and Trademark Office on December 11, 1998, with the incorrectly recorded items highlighted; (4) a corrected Transmittal (Form PTO-1595) and a copy of the Assignment document; and (5) a check in the amount of \$40.00 for the recording fee, as dictated by 37 C.F.R. §§ 3.34 and 3.41.

It is believed that the enclosed check is sufficient to cover the fees required to properly re-record the Assignment document. However, if it is determined that an additional fee is necessary, the Assistant Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 06-1205. A duplicate of this paper is enclosed for that purpose.

- 2 -

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address listed below.

Respectfully submitted,

Attorney for Applicants

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

**RECORDED: 12/15/1998** 

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- 3 -

PATENT REEL: 9446 FRAME: 0981