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1. Name of conveying party(ies):	2. Name and address of	
Yoon Ho SONG Jin Ho LEE Kyoung Ik CHO	Name:	Electronics and Telecommunications Research Institute
	Street Address:	161 Kajong-Dong, Yusong-Gu
	City:	Daejon-Shi
	Country/State/Zip:	Korea
	Additional names and ad	dresses attached? [] yes [X] no
Additional name(s) of conveying party(ies) attached? [] yes [X] no		
3. Nature of Conveyance		
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Execution Date: August 13, 1998		
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 is August 13, 1998;
A. Patent Application No.(s)	B. Patent No.(s	s):
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5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of appl	lications and patents involved: [1]
Name: Martin B. Pavane, Esq.	7. Total fee (37 C.F.R.	3.41) \$ 40.00
Internal Address: Cohen, Pontani, Lieberman & Pavane	[] Authorized to be charged to deposit account	
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9. Statement and signature.		
To the best of my knowledge and belief, the foregoing informathe original document.	tion is true and correct an	d any attached copy is a true copy
Martin B. Pavane, Esq.	11	August 27, 1998
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Attorney Docket Number:

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable
consideration, the receipt of which is hereby acknowledged, We/I the
undersigned, 1) Yoon-Ho Song, at Kangbyundlboram Apt. 101-604,
Chongnim-Dong, Seo-Gu, Daejon-Shi, Korea
2) Jin Ho Lee, at Hanbit Apt. 130-403,
Oun-Dong, Yusong-Gu, Daejon-Shi, Korea
3) Kyoung Ik Cho, at Hanbit Apt. 119-1201,
Oun-Dong, Yusong-Gu, Daejon-Shi, Korea
(hereinafter referred to as "ASSIGNOR").
Hereby sell, assign and transfer to
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
(hereinafter referred to as "ASSIGNEE"), a corporation of Republic of Korea,
having a place of business at
161 Kajong-Dong, Yusong-Gu, Daejon-Shi, Korea
its successors, assigns and legal representatives, the entire right, title and
interest for the United States and all foreign countries, in and to any and all
improvements which are disclosed in the application for United States Letters
Patent,
which was filed on and accorded
U.S. Serial No.
which has been executed by the undersigned concurrently herewith,
and is entitled METHOD FOR MANUFACTURING A CATHODE TIP OF
ELECTRIC FIELD EMISSION DEVICE and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for

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foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute. renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding and maintaining proper patent protection in securing improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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Yoon-Ho Song

A ST 3 Song

Signature of First Inventor

Jin Ho Lee

01762

Signature of Second Inventor

Kyoung Ik Cho

至对公司

Signature of Third Inventor

Witness(es)

1) Hyok Geun Cho

Date: 08/13/1998

Signature

2) Hoon Shik Choi

Date: 08/13/1998

Signature (hor Hom Mile