

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Kiyoshi Tamura		04/17/2006
Naoto Hiroaki		04/17/2006
RECEIVING PARTY DATA		
Name:	Futaba Corporation	
Street Address:	629 Oshiba	
City:	Mobara-shi, Chiba-ken	
State/Country:	JAPAN	
Name:	National Institute for Materials Science	
Street Address:	2-1, Sengen 1-chome	
City:	Tsukuba-shi, Ibaraki-ken	
State/Country:	JAPAN	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11402580	
CORRESPONDENCE DATA		
Fax Number:	(414)978-8762	
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ATTORNEY DOCKET NUMBER:	520514.00036	

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PATENT
REEL: 022412 FRAME: 0006

NAME OF SUBMITTER:

Keith H. Heidmann

Total Attachments: 2

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Assignment

WHEREAS, the undersigned have/has made certain inventions which are described in an application for Letters Patent of the United States entitled :

ELECTRON BEAM EXCITED FLUORESCENCE EMITTING DEVICE

executed on even date herewith preparatory to obtaining United States Letters Patent therefore, and
WHEREAS,
Futaba Corporation

(hereafter referred to as said Company),

National Institute for Materials Science
a corporation of the state of

and having a place of business at 629 Oshiba, Mobara-shi, Chiba-ken, Japan
2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki-ken, Japan

is desirous of acquiring the entire interest in said inventions throughout the United States of America and the territories thereof, for all other countries and under all international agreements,

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, receipt whereof is hereby acknowledged, the undersigned hereby sell(s), assign(s) and transfer(s) unto said Company, its successors and assigns, the entire right, title and interest throughout the United States of America and the territories thereof, for all foreign countries and under all international agreements in and to said inventions, the aforesaid application, all other applications hereafter filed in the United States, in any other country, or under any international agreement based in whole or in part on said inventions, and all Letters Patents granted upon said applications by the United States, by any other country or under any international agreement, and do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Company. The undersigned further grant to said Company, its successors and assigns, the right to claim for any of said applications the full benefits and priority rights of any international agreement between the United States and any foreign country or countries of between any other countries.

The undersigned hereby warrant(s) that they/(s)he have/has the full right to make the conveyance herein, and hereby covenant(s) that the heirs, legal representatives and assigns of the undersigned, will when requested, communicate to said Company, its representatives, successors and assigns, all facts known respecting said inventions, execute all divisional, continuing, reissue, reexamination and foreign or international applications, together with individual assignment therefore, make all rightful oaths, sign all lawful papers, testify in any legal proceeding and generally do everything possible to aid said Company, its successors and assigns, in the obtaining of Letters Patent.

IN TESTIMONY WHEREOF, the undersigned have hereunto executed this assignment at the location and on the date indicated below.

Signature: Kiyoshi Tamura

STATE OF:

Name: Kiyoshi TAMURA

COUNTY OF:

Address: c/o Futaba Corporation

629 Oshiba, Mobara-shi, Chiba-ken, Japan

Date: April 17, 2006

Before me on this _____ day of _____, 2002, came
to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution
therefore to be his/her free act and deed.

(SEAL)

Notary Public,
State of _____
My Commission Expires: _____

Signature: Naoto Hiroaki

STATE OF:

Name: Naoto HIROSAKI

COUNTY OF:

Address: c/o National Institute for Materials Science

~~2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki-ken, Japan~~

Date: April 17, 2006

Before me on this _____ day of _____, 2002, came
to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution
therefore to be his/her free act and deed.

(SEAL)

Notary Public,
State of _____
My Commission Expires: _____

Signature: _____

STATE OF:

Name: _____

COUNTY OF:

Address: _____

Date: _____

Before me on this _____ day of _____, 2002, came
to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution
therefore to be his/her free act and deed.

(SEAL)

Notary Public,
State of _____
My Commission Expires: _____

Signature: _____

STATE OF:

Name: _____

COUNTY OF:

Address: _____

Date: _____

Before me on this _____ day of _____, 2002, came
to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution
therefore to be his/her free act and deed.

(SEAL)

Notary Public,
State of _____
My Commission Expires: _____