

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takao Shiraga</td> <td>01/20/2005</td> </tr> <tr> <td>Hirokazu Takanashi</td> <td>01/20/2005</td> </tr> <tr> <td>Yoshimasa Uzawa</td> <td>01/20/2005</td> </tr> <tr> <td>Yoshitaka Kagawa</td> <td>01/20/2005</td> </tr> </tbody> </table>		Name	Execution Date	Takao Shiraga	01/20/2005	Hirokazu Takanashi	01/20/2005	Yoshimasa Uzawa	01/20/2005	Yoshitaka Kagawa	01/20/2005
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RECEIVING PARTY DATA											
Name:	Futaba Corporation										
Street Address:	629 Oshiba										
City:	Mobara-shi, Chiba-ken										
State/Country:	JAPAN										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11042430</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11042430						
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CORRESPONDENCE DATA											
Fax Number:	(414)978-8749										
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ATTORNEY DOCKET NUMBER:	520514.00023										
NAME OF SUBMITTER:	Daniel G. Radler										

Total Attachments: 2
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**PATENT
 REEL: 021748 FRAME: 0417**

CH \$40.00 11042430

Assignment

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

SELF-LUMINOUS ELEMENTS AND METHOD FOR PRODUCING THE SAME

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

Futaba Corporation

(hereafter referred to as said Company),

a corporation of the state of

and having a place of business at **629 Oshiba, Mobara-shi, Chiba-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: Takao Shiraga

STATE OF:

Name: Takao SHIRAGA

COUNTY OF:

Address: c/o Futaba Corporation

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

Date: January 20, 2005

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: Hirokazu Takanashi

STATE OF:

Name: Hirokazu TAKANASHI

COUNTY OF:

Address: c/o Futaba Corporation

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

Date: January 20, 2005

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: Yoshimasa Uzawa

STATE OF:

Name: Yoshimasa UZAWA

COUNTY OF:

Address: c/o Futaba Corporation

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

Date: January 20, 2005

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: Yoshitaka Kagawa

STATE OF:

Name: Yoshitaka KAGAWA

COUNTY OF:

Address: c/o Futaba Corporation

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

Date: January 20, 2005

Before me on this _____ day of _____, 2002, came
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