

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Ryuji Fukute	03/27/2007
Hidenori Shiba	03/23/2007
Go Togashi	03/23/2007
<b>RECEIVING PARTY DATA</b>	
Name:	Canon Kabushiki Kaisha
Street Address:	3-30-2, Shimomaruko, Ohta-ku
City:	Tokyo
State/Country:	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	11693184
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(212)575-0671
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(212) 790-9200
Email:	mzp@cil.com
Correspondent Name:	John J. Torrente
Address Line 1:	1133 Avenue of the Americas
Address Line 2:	Cowan, Liebowitz & Latman, P.C.
Address Line 4:	New York, NEW YORK 10036-6799
ATTORNEY DOCKET NUMBER:	B588-230 (25815.235)
NAME OF SUBMITTER:	John J. Torrente

Total Attachments: 4  
 source=B588230Assignment#page1.tif  
 source=B588230Assignment#page2.tif

OP \$40.00 11693184

source=B588230Assignment#page3.tif  
source=B588230Assignment#page4.tif

# PATENTS ONLY

Tab settings → → → ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Ryuji Fukute**  
**Hidenori Shiba**  
**Go Togashi**

Additional names(s) of conveying party(ies)  Yes  No

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

Name: Canon Kabushiki Kaisha

Address: 3-30-2, Shimomaruko, Ohta-ku

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: March 27, 2007; March 23, 2007;  
March 23, 2007

City: Tokyo State/Prov.: \_\_\_\_\_

Country: JAPAN ZIP: \_\_\_\_\_

Additional name(s) & address(es)  Yes  No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: March 27, 2007;  
March 23, 2007;  
March 23, 2007

Patent Application No.	Filing date	B. Patent No.(s)

Additional numbers  Yes  No

6. Total number of applications and patents involved: **1**

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:  
03-3415

(Attach duplicate copy of this page if paying by deposit account)

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

Name: John J. Torrente

Registration No. 26,359

Address: Cowan, Liebowitz & Latman, P.C.  
1133 Avenue of the Americas

City: New York State/Prov.: NY

Country: USA ZIP: 10036-6799

DO NOT USE THIS SPACE

9. 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 the original document.*

John J. Torrente (Reg. No. 26,359) March 29, 2007  
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **4**

# PATENTS ONLY

Tab settings → → → ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Ryuji Fukute**  
**Hidenori Shiba**  
**Go Togashi**

Additional names(s) of conveying party(ies)  Yes  No

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

Name: Canon Kabushiki Kaisha

Address: 3-30-2, Shimomaruko, Ohta-ku

City: Tokyo State/Prov.: \_\_\_\_\_

Country: JAPAN ZIP: \_\_\_\_\_

Additional name(s) & address(es)  Yes  No

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: March 27, 2007; March 23, 2007;  
March 23, 2007

4. Application number(s) or patent numbers(s): March 27, 2007;  
March 23, 2007;  
March 23, 2007

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.	Filing date	B. Patent No.(s)

Additional numbers  Yes  No

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

Name: John J. Torrente

Registration No. 26,359

Address: Cowan, Liebowitz & Latman, P.C.  
1133 Avenue of the Americas

City: New York State/Prov.: NY

Country: USA ZIP: 10036-6799

6. Total number of applications and patents involved: **1**

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:  
03-3415

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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 the original document.*

John J. Torrente (Reg. No. 26,359) March 29, 2007  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **4**

10040513US01

**JOINT**  
(BEFORE APPLICATION FILED)

*ASSIGNMENT*

FOR VALUE RECEIVED, WE **Ryuji Fukute, Hidenori Shiba and Go Togashi**

citizens of **Japan**

hereby sell, assign, transfer and convey unto **CANON KABUSHIKI KAISHA**

a corporation of **Japan**

having a place of business at **3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan**

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

**REMAINING BATTERY CHARGE CALCULATION SYSTEM IN ELECTRONIC  
DEVICE**

and described in an application for Letters Patent of the United States which is filed concurrently herewith and was executed by us, respectively, in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

10040513US01

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

By: Ryuji Fukute  
Ryuji Fukute

Date: March 27, 2007

By: Hidenori Shiba  
Hidenori Shiba

Date: March 23, 2007

By: Go Togashi  
Go Togashi

Date: March 23, 2007