FORM PTO-1595 (Substitute)		U.S. DEPARTMENT OF COMMERCE
		Patent and Trademark Office
To the Honorable Commissioner of Pater		nents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiv	/ing party(ies):
Tomoyuki GOTO	Name: Ricoh Company, Ltd.	
	Internal Address:	
Additional name(s) of conveying party(ies) attached?	Street Address: <u>3-6</u> , N	Nakamagome 1-chome,
Yes No	Ohta-ku	
3. Nature of Conveyance:	City/State/Zip: Tokyo,	143-8555, JAPAN
Assignment Merger Security Assignment Change of Name Other	Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s): If this document application is (are): August 30, 2007	is being filed together with a new applica	tion, the execution date(s) of the
A. Patent Application No.(s)	B. Patent No.(s)	
Internal Address: Street Address: Cooper & Dunham LLP 1185 Avenue of the Americ City/State/Zip: New York, New York 10036		charged to deposit account
	OT USE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing original document. Paul Teng, Reg. No. 40,837 Name of Person Signing	information is true and correct and any a Signature Total Number of pages including document:3	September 10, 2007 Date g cover sheet, attachments and S
Mail Stop As	ded with required cover sheet informatic signment Recordation Services d States Patent and Trademark Office P.O. Box 1450	MJAMA1 0000041 11900317 40
Alexa	andria, VA 22313-1450	09/17/2007 01 FC:8021

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PATENT REEL: 019854 FRAME: 0714

Patent Application Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I (we), the undersigned, hereby sell, assign and transfer to <u>RICOH COMPANY, LTD.</u>, a corporation of <u>Japan</u>, having a place of business at <u>3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan</u>, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned concurrently herewith and is entitled <u>DELAY TIME GENERATION CIRCUIT,</u> <u>SEMICONDUCTOR DEVICE FOR PROTECTING SECONDARY BATTERIES USING DELAY</u> <u>TIME GENERATION CIRCUIT, BATTERY PACK, AND ELECTRONIC DEVICE</u>, and in and to said application and all divisional, continuing, substitute, renewal,

reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; 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 or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything

possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, 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.

<u>Lomoyukt</u> <u>Loto</u> [L.S.] TOMOYUKI GOTO

Date: //ugust 30, 2007

Witness: Kazno Kunno Toshio Warukawa

Forms Index

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COOPER & DUNHAM LLP

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Intellectual and Industrial Property Law including Patent, Trademark, Unfair Competition, Copyright and Antitrust Law. Trials.

RECORDED: 09/11/2007

PATENT REEL: 019854 FRAME: 0716