PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Spelling of the first inventor's name previously recorded on Reel 022197 Frame 0898. Assignor(s) hereby confirms the Change Susuki, Tomokazu to Suzuki, Tomokazu.

CONVEYING PARTY DATA

Name	Execution Date
Tomokazu Suzuki	01/22/2009
Tomoyuki Ichikawa	01/22/2009

RECEIVING PARTY DATA

Name:	Koito Manufacturing Co., Ltd.
Street Address:	8-3, Takanawa 4-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12363853

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: borodach@fr.com

Correspondent Name: Samuel Borodach

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Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 10973-0196001

NAME OF SUBMITTER: Gina Maldonado

Total Attachments: 7

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PATENT REEL: 022521 FRAME: 0506

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PATENT REEL: 022521 FRAME: 0507 TO: SAMUEL BORODACH COMPANY: FISH & RICHARDSON P.C.

		PATENT ASSIGNMEN	T	
Electronic Version v Stylesheet Version v		02/03/2009 500770767		
SUBMISSION TYPE: NEW ASSIGNMENT				
NATURE OF CONVE	ONVEYANCE: ASSIGNMENT			
CONVEYING PARTY	DATA			
		Name	Execution Date	
Tomokazu Sueuki Suzuki		01/22/2009		
Tomoyuki Ichikawa		01/22/2009		
RECEIVING PARTY D)ATA			
Name:	Koito Manufacturing Co., Ltd.			
Street Address:	8-3, Takanawa 4-chome, Minato-ku			
City:	Tokyo			
State/Country:	JAPAN			
PROPERTY NUMBER	RS Total: 1			
Property Type Number		per		
Application Number:		12363853		
CORRESPONDENCE DATA				
Fax Number: (877)769-7945				
		Mail when the fax attempt is unsuccess	stul.	
Phone: (212) 765-5070				
Email: borodach@fr.com Correspondent Name: Samuel Borodach				
Address Line 1:		RICHARDSON P.C.		
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ATTORNEY DOCKET NUMBER: 10973-0196001

NAME OF SUBMITTER: Gina Maldonado

Total Attachments: 3

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> **PATENT REEL: 022521 FRAME: 0508**

Assignment

譲渡

ここにその受領と充足性が確認された善良で価値ある配 慮の故に、文末に署名した者は、 For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s) over to:

KOITO MANUFACTURING CO., LTD.

住所

Having the address:

8-3, Takanawa 4-chome, Minato-ku, Tokyo, Japan

(以下「譲渡人」と呼ぶ) と、その継承人および譲受人に対して、

(発明の名称)

弁護士要録番号:

という名称で知られ以下に署名したものが以下に記した日にアメリカ合衆国特許を申請した発明のアメリカ合衆国におけるすべての権利、権原および利権、ならびにその発明に対しておこなわれるすべての特許申請とそれらによって得られる特許状ならびにそれらの分割、再申請、継続および延長を譲渡するものであり、さらにその利権は、当該特許状が譲受人、継承人、さらに譲受人らまたは彼らの法的代理人に与えられたときに、当該特許状の全所有権をこの譲渡が行われなかった場合に譲渡人に当該特許状が与えられることにより譲渡人が受けたであろう期間の最後の日まで完全無欠に授けられるものとする。この書状が、申請と同時に登録されない場合には、以下の認識情報が執行後に追加されるものとする。

successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may granted thereof, including said application, and all United States Letters Patents which may be granted thereof, and all divisions, reissues, continuations, and extensions thereof, the said interesting being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns, or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been enjoyed by assignor(s) if this assignment had not been made, the application being known by the title:

(hereinafter designed as the "ASSIGNEE"), its

DISCHARGE LAMP LIGHTING CIRCUIT

Attorney Docket No.: 10973 - 0196001

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

シリアル・ナンバー:

登録年月日:

Serial No.: 12/363,853 Filing Date: Feb. 1,2009

Fish & Richardson P.C.

Assignment

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- 2. 文末に署名した者は、工業所有権の保護に関する国際条約又は同様な条約のクレームまたは条項に関連して 必要となるすべてに文書を署名、執行し、必要な行為を 行うことに同意する。
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- 5. 文末に署名した者は、本状の登記に当りアメリカ合衆国特許庁の規則にしたがって必要であり、望ましいような特別情報をこの譲渡書に挿入する権利をフィッシュ・アンド・リチャードソン法律事務所に委任するものとする。

- 1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension or interference proceedings, or otherwise secure the title thereto to the ASSIGNEE.
- The undersigned hereby agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.
- 3. The undersigned hereby agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.
- 4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patents resulting from the said application or any division or divisions or continuing application thereof to the ASSIGNEE.
- 5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. the power to insert on this agreement any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Assignment

年月日 氏名(楷書): Date Typed Name T	omokazu SUZUKI
	i Johikawa omoyuki ICHIKAWA
年月日 氏名(楷書): Ja <u>nuary 22, 20</u> 09 Typed Name T	
年月日 氏名(楷書): Date Typed Name	
年月日 氏名(楷書): Date Typed Na	ame
年月日 氏名(楷書): Date Typed Na	ame
年月日 氏名(楷書): Date Typed Na	ame
年月日 氏名(楷書): Date Typed Na	ame
この譲渡書は同じくここに署名するアメリカ公証人または最 This assignment may be signed before a before at least two witnesses who also sig	a U.S. notary Public or gn here:
年月日 氏名(楷書): Date Typed Na	me
手月日 氏名(楷書): Date Typed Nat	me

~ Fish & Richardson P.C

RECORDED: 04/08/2009

Page 3 of 3