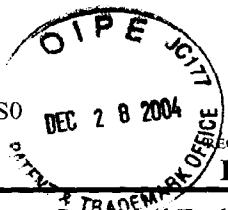


Atty Docket No.: 258093US0

FORM PTO-1595
06-04

12-28-04



01-04-2005



102915022

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Patent and Trademark Office

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Masaomi SASAKI
Masafumi TORII
Toshiya SAGISAKA
Takashi OKADA
Shinichi KAWAMURA
Chihaya ADACHI
Yuuichiroh KAWAMURA
Kenji MUNEUCHI

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Name: Ricoh Company Limited
Address: 1-3-6, Nakamagome, Ota-ku, Tokyo 143-8555,
Japan

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Dates: November 11, 2004 and
November 15, 2004

Additional name(s) and address(es) attached? Yes ☒ No

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

☐ This document is being filed together with a new application

A. Patent Application No.(s)

10/933,230

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

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PATENT
REEL: 016111 FRAME: 0444

258093US0

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Masaomi SASAKI, 1-5-12, Senpukugaoka, Susono-shi, Shizuoka-ken, Japan;
Masafumi TORII, 26, Yabecho, Totsuka-ku, Yokohama-shi, Kanagawa-ken, Japan;
Toshiya SAGISAKA, 15-1, Chigasakichuuou, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken,
Japan;
Takashi OKADA, 25-12, Chigusadai, Aoba-ku, Yokohama-shi, Kanagawa-ken, Japan;
Shinichi KAWAMURA, 1-8-10, Arima, Miyamae-ku, Kawasaki-shi, Kanagawa-ken,
Japan;
Chihaya ADACHI, 6-5-13, Seiryu, Chitose-shi, Hokkaido, Japan;
Yuuichiroh KAWAMURA, 6-3-9, Chiyodacho, Chitose-shi, Hokkaido, Japan; and
Kenji MUNEUCHI, 2-1-55, Izumimachi, Yonezawa-shi, Yamagata-ken, Japan

_____, respectively,
have invented certain new and useful improvements in: **3,6-DIPHENYLCARBAZOLE COMPOUND AND ORGANIC ELECTROLUMINESCENT DEVICE**

for which an application for Letters Patent was executed on _____
(Application No. 10/933,230, filed on September 3, 2004), and

WHEREAS, Ricoh Company Limited
(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-3-6, Nakamagome, Ota-ku, Tokyo
143-8555, Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, 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 held by me (us) had this Assignment and sale not been made.

03/03

PATENT
REEL: 016111 FRAME: 0445

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: November 11, 2004

Masaomi Sasaki
(Signature of Inventor) Masaomi SASAKI

Date: November 11, 2004

Masafumi Torii
(Signature of Inventor) Masafumi TORII

Date: November 11, 2004

Toshiya Sagisaka
(Signature of Inventor) Toshiya SAGISAKA

Date: November 11, 2004

Takashi Okada
(Signature of Inventor) Takashi OKADA

Date: November 11, 2004

Shinichi Kawamura
(Signature of Inventor) Shinichi KAWAMURA

Date: _____

(Signature of Inventor) Chihaya ADACHI

Date: _____

(Signature of Inventor) Yuuichiroh KAWAMURA

Date: _____

(Signature of Inventor) Kenji MUNEUCHI

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03

258093US0

Assignment of Application

Page 1 of 2

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Kenji MUNEUCHI, 2-1-55, Izumimachi, Yonezawa-shi, Yamagata-ken, Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:INSERT TITLE
OF INVENTION:

_____, respectively,
have invented certain new and useful improvements in: 3,6-DIPHENYLCARBAZOLE COMPOUND AND
ORGANIC ELECTROLUMINESCENT DEVICE

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on _____
(Application No. 10/933,230 , filed on September 3, 2004), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Ricoh Company Limited
(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-3-6, Nakamagome, Ota-ku, Tokyo
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NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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03/03

Page 2 of 2

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

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Date: _____	(Signature of Inventor) _____ Masaomi SASAKI
Date: _____	(Signature of Inventor) _____ Masafumi TORII
Date: _____	(Signature of Inventor) _____ Toshiya SAGISAKA
Date: _____	(Signature of Inventor) _____ Takashi OKADA
Date: _____	(Signature of Inventor) _____ Shinichi KAWAMURA
Date: <u>Nov. 15, 2004</u>	(Signature of Inventor) <u>Chihaya Adachi</u> Chihaya ADACHI
Date: <u>Nov. 15, 2004</u>	(Signature of Inventor) <u>Yuuichiro KAWAMURA</u> Yuuichiro KAWAMURA
Date: _____	(Signature of Inventor) _____ Kenji MUNEUCHI

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03

PATENT
REEL: 016111 FRAME: 0448

258093US0

Assignment of Application

Page 1 of 2

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Kenji MUNEUCHI, 2-1-55, Izumimachi, Yonezawa-shi, Yamagata-ken, Japan

INSERT NAMES
AND RESIDENCE
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THE INVENTORS.INSERT TITLE
OF INVENTION:

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for which an application for Letters Patent was executed on _____
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Date: _____	(Signature of Inventor) _____	Masaomi SASAKI
Date: _____	(Signature of Inventor) _____	Masafumi TORII
Date: _____	(Signature of Inventor) _____	Toshiya SAGISAKA
Date: _____	(Signature of Inventor) _____	Takashi OKADA
Date: _____	(Signature of Inventor) _____	Shinichi KAWAMURA
Date: _____	(Signature of Inventor) _____	Chihaya ADACHI
Date: _____	(Signature of Inventor) _____	Yuuichiroh KAWAMURA
Date: <u>November 15, 2004</u>	(Signature of Inventor) <u>Kenji Muneuchi</u>	Kenji MUNEUCHI

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
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03/03