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Name (line 1) Chang-Wen Tien

Execution Date
Month Day Year
7/27/2000

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party☐ Mark if additional names of receiving parties attached

Name (line 1) Taiwan Fluorescent Lamp Co., Ltd.

Name (line 2)

Address (line 1) 8F, No. 46, Sec. 1, Nanking East Rd.

Address (line 2)

Address (line 3) Taipei 10407

Taiwan, R.O.C.

Zip Code

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Correspondent Name and Address

Area Code and Telephone Number 410-465-6678Name Morton J. RosenbergAddress (line 1) Rosenberg, Klein & LeeAddress (line 2) 3444 Ellicott Center Drive, Suite 105Address (line 3) Ellicott City, MD 21043

Address (line 4)

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Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was
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Number of Properties

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Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

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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. Charges to deposit account are authorized, as
indicated herein.

Morton J. Rosenberg

Name of Person Signing

Signature

Date

ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (invention Title) HIGH EFFICIENCY COOLING DEVICE IN A COOLING MECHANISM

The PATENT RIGHTS referred to in this agreement are:

- (Check one) ☒ a Patent Application for this invention, executed by the ASSIGNOR(s) concurrently with this Assignment
☐ U.S. Patent Application Serial No. _____, filed _____
☐ U.S. Patent No. _____, issued _____

The PATENT RIGHTS assigned under this agreement are:

- (Check one) ☒ U.S. Patent rights only
☐ worldwide Patent rights. In this case, the Assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

The ASSIGNOR(s) referred to in this agreement is (or are):

(Full name of sole or first inventor) TIEN CHANG-WEN (FAMILY NAME: TIEN)

(Address) NO.408, PAO SHAN RD., PAO SHAN TSUN, PAO SHAN HSIANG, HSIN CHU HSIEN, TAIWAN, R.O.C.

(Full name of second joint inventor, if any) _____

(Address) _____

(Full name of third joint inventor, if any) _____

(Address) _____

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) TAIWAN FLUORESCENT LAMP CO., LTD. (PRESIDENT: CHIU CHING CHUN; CHIU)

(Address of Assignee) df, NO.46, SEC.1, NANKING EAST RD., TAIPEI, 10407 TAIWAN, R.O.C.

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____

(Address of Assignee) _____

The Third ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____

(Address of Assignee) _____

The First ASSIGNEE is:

- (Check one) ☐ an individual
☐ a partnership
☒ a Corporation of TAIWAN, R.O.C.
(State or Country)

The Second ASSIGNEE is:

- (Check one) ☐ an individual
☐ a partnership
☐ a Corporation of _____
(State or Country)

The Third ASSIGNEE is:

- (Check one) ☐ an individual
☐ a partnership
☐ a Corporation of _____
(State or Country)

The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:

- the full and exclusive right to the invention;
an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS; and
the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(s) hereby authorize(s) and requests the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their successors and assigns.

Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their representatives, any facts known to the ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(s), their successors and assigns, to obtain and enforce proper protection for said invention.

TIEN CHANG-WEN (FAMILY NAME: TIEN)
(Signature of sole or first inventor)

JULY 27, 2000
(Date)

(Signature of second inventor, if any)

(Date)

(Signature of third inventor, if any)

(Date)