

FORM PTO-1519A  
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04-27-2000

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

101337083

09/545643  
DOCKET: CU-2182 RJS

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101337083  
09/545643  
04/27/00

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Name (line 1) SUNG, Jun Bae

Execution Date  
Month Day Year  
03 30 00

Name (line 2) \_\_\_\_\_

**Second Party**

Name (line 1) \_\_\_\_\_

Execution Date  
Month Day Year  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name (line 2) \_\_\_\_\_

**Receiving Party**

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Name (line 1) Hyundai Electronics Industries Co., Ltd.

Name (line 2) \_\_\_\_\_

Address (line 1) San 136-1, Ami-ri, Bubal-eub, Ich'on

Address (line 2) \_\_\_\_\_

Address (line 3) Kyoungki-do

Republic of Korea

Zip Code \_\_\_\_\_

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**PATENT**  
**REEL: 010726 FRAME: 0711**

**Correspondent Name and Address**

Area Code and Telephone Number (312) 427-1300

Name Richard J. Streit

Address (line 1) Ladas & Parry

Address (line 2) 224 South Michigan Avenue

Address (line 3) Chicago, Illinois 60604

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 4

**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)


If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
03 30 00

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT  
PCT PCT PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

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

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

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**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. Changes to deposit account are authorized, as indicated herein.

Richard J. Streit

Name of Person Signing  
Reg. 25765

Signature

April 7, 2000

Date

**PATENT**  
**REEL: 010725 FRAME: 0712**

**PATENT**

For: ☐ U.S. and/or ☐ Foreign Rights  
 For: ☐ U.S. Application or ☐ U.S. Patent  
 By: ☐ Inventor(s) or ☐ Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

(inventor(s) or

Jun Bae, Sung

(Type or print name(s) of ASSIGNOR(S))

person(s) or entity(ies)  
 who own the invention)

Room 102, Daedong Villa, 412-9, Changjeon-dong,

Address

Ich'on, Kyoungki-do, Korea

Republic of Korea

Nationality

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

hereby sells, assigns and transfers to  
 ASSIGNEE:

Hyundai Electronics Industries Co., Ltd.

(Type or print name of ASSIGNEE)

San 136-1, Ami-ri, Bubal-eub, Ich'on,

Address

Kyoungki-do, Korea

Republic of Korea

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent (\_\_\_\_\_% ) interest

for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

☐ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

DELAY LOCKED LOOP CIRCUIT

**PATENT**

**REEL: 010725 FRAME: 0713**

(check and complete (a), (b), (c) or (d))

and which is found in

- (a) ☒ U.S. patent application executed on even date herewith
- (b) ☐ U.S. patent application executed on \_\_\_\_\_
- ☐ To comply with CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert below the filing date and application number when it becomes known.
- (c) ☐ U.S. application serial no. 0 / \_\_\_\_\_ filed on \_\_\_\_\_
- (d) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_
- ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (e) if foreign application(s) is also being assigned)

- (e) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this  
March 20, 2000 (Date of signing).

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Jun Bae, Sung

Signature of ASSIGNOR(S)

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR

Title

RECORDED: 04/07/2000

PATENT  
REEL: 010725 FRAME: 0714