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To the Honorable Commissioner of Patents,

101893396

1 original documents or copy thereof.

10/26/01  
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09/983924  
U.S. PTO

1. Name of conveying party(ies):  
Tomoaki ITO, Masami TANAKA,  
Tadashi KUBOTA, and Yasuhiro MASUZAKI

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

2. Name and address of receiving party(ies)

Name: Hirose Electric Co., Ltd

Internal Address: \_\_\_\_\_

Street Address: 5-23 Oosaki 5-chome

Shinagawa-ku, Tokyo, Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: August 31, 2001

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

If this document is being filed together with a new application, the execution date of the application is: Aug. 31, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: KANESAKA & TAKEUCHI

Internal Address: Yusuke Takeuchi

10/29/2001 BSAVASI1 00000025 09983924

02 FC:581 40.00 DP

Street Address: \_\_\_\_\_

1423 Powhatan Street

City: Alexandria State: VA ZIP: 22314

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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9. 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.

Yusuke Takeuchi  
Name of Person Signing

*Y. Takeuchi*  
Signature

10/26/01  
Date

Total number of pages including cover sheet, attachments, and document:  2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

# Assignment

1-101397

For value received, the undersigned (hereinafter **assignor**), hereby sells, assigns, and transfers to Hirose Electric Co., Ltd. a corporation of Japan, having a place of business at 5-23 Oosaki 5-chome, Shinagawa-ku, Tokyo, Japan, its successors, assigns, and legal representative (hereinafter **assignee**),

(a) **assignor's** entire right, title, and interest in and to the invention which is disclosed in the application for United States patent, which has been executed concurrently herewith, and is entitled PULSE SIGNAL GENERATOR, COIL BOVINE FOR THE GENERATOR, AND METHOD OF MAKING THE COIL BOVINE invented by **assignor**,

(b) said application and any other applications which are continuations, continuation-in-part, substitutes, or divisions of said application, and

(c) any patent or reissues of any patent that may granted thereon.

**Assignor** authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patents to **assignee**.

Tomoaki ITO	<u>TOMOAKI ITO</u>	<u>Aug 31, 2001</u>
Name	Signature	Date
Masami TANAKA	<u>Masami Tanaka</u>	<u>Aug 31, 2001</u>
Name	Signature	Date
Tadashi KUBOTA	<u>Tadashi Kubota</u>	<u>Aug 31, 2001</u>
Name	Signature	Date
Yasuhiro MASUZAKI	<u>Yasuhiro Masuzaki</u>	<u>Aug 31, 2001</u>
Name	Signature	Date
	Signature	Date
	Signature	Date

PATENT

RECORDED: 10/26/2001

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