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To the Honorable Commissioner of Patents :

102182316

1 documents or copy thereof.

1. Name of conveying party(ies):

1. Minoru TAKEDA
2. Akira TOYAMA

MRO
8-6.02

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

3. Nature of conveyance:

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

Execution Date: 1. July 18, 2002 2. July 22, 2002

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

Name: Nippon Precision Circuits Inc.
Internal Address:

Street Address: 4-3, Fukuzumi 2-chome
Koto-ku
Tokyo, Japan

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

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

If this document is being filed together with a new application, the filing date of the application is

A. Patent Application No.(s)

10192,796

B. Patent No.(s)

I hereby certify that this correspondence is being deposited with the United States Postal Services as First Class Mail in an envelope addressed to: Commissioner Of Patents and Trademarks, Washington, D.C. 20231, on July 31, 2002

Signature: Frank J. Jordan

Frank J. Jordan
20,456

07/31/02

Additional numbers attached? ☐ Yes ☒ No

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

Name: Frank J. Jordan, Esq.

Internal Address: Jordan and Hamburg LLP

Chanin Building

Suite 4000

Street Address: 122 East 42nd Street

City: New York State: New York Zip: 10168

6. Total number of applications and patents involved:

1 ☐

7. Total fee (37 CFR 3.41):.....\$40.00

☐ Enclosed

☒ Authorized to be charged to 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.

Frank J. Jordan, Esq.

Name of Person Signing

Frank J. Jordan
Signature

July 31, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 3

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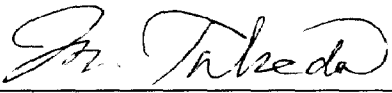
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PATENT
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ASSIGNMENT

For value received, **I, Minoru TAKEDA, an individual, with post office address at c/o Nippon Precision Circuits Inc., 4-3, Fukuzumi 2-chome, Koto-ku, Tokyo, Japan;**

I, Akira TOYAMA, an individual, residing at 222-5, Amanuma, Chigasaki-shi, Kanagawa-ken, Japan, hereinafter assignors, hereby sell, assign and transfer to **Nippon Precision Circuits Inc., a corporation existing under the laws of Japan, located at 4-3, Fukuzumi 2-chome, Koto-ku, Tokyo, Japan,** hereinafter assignee, and said assignee's successors, assigns, and legal representatives the entire right, title, and interest, for all countries including the United States of America, in and to certain inventions relating to **FRACTIONAL-N FREQUENCY SYNTHESIZER AND METHOD OF OPERATING THE SAME** described in an application for Letters Patent of the United States, filed on July 10, 2002, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said assignee as assignee of the entire interest, and covenant that said assignors have full right so to do, and agree that said assignors will communicate to said assignee or said assignee's representatives any facts known to said assignors respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said assignee, and said assignee's successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature 
Minoru TAKEDA

Date July 18 '02

Signature 
Akira TOYAMA

Date July 22 '02