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Conveying Party(ies)

Name (line 1) Katsumi TAKEUCHI
Name (line 2) 

Second Party

Name (line 1) Mahito SHIMADA
Name (line 2) 

Receiving Party

Name (line 1) Hokuriku Electric Industry Co., Ltd.
Name (line 2) 

Address (line 1) 3158 Shimo-okubo, Osawano-machi

Address (line 2) Kami-niikawagun

Address (line 3) Toyama JAPAN 939-22

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Carl A. Rankin
Address (line 1) Rankin, Hill, Porter & Clark LLP
Address (line 2) 700 Huntington Building
Address (line 3) 925 Euclid Avenue
Address (line 4) Cleveland, Ohio 44115-1405 U.S.A.

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# 4

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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.

Carl A. Rankin

Name of Person Signing

Signature

August 27, 1998

Date
ASSIGNMENT

WHEREAS, new and useful inventions and improvements have been made by the undersigned, such being entitled

CHIP-LIKE NETWORK RESISTOR AND METHOD FOR MANUFACTURING SAME

(Enter title of invention)

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below which application is further identified as Rankin, Hill, Lewis & Clark, Docket No. 11542.

Hokuriku Electric Industry Co., Ltd. of
WHEREAS, 3158 Shimo-okubo, Osawano-machi, Kami-niikawagun, Toyama 939-22 Japan
(Enter name of assignee)

a corporation of Japan

(Enter state or country of incorporation)

hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest in and to said improvements and inventions and patent rights therefor in the United States of America.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States, in and to said improvements and inventions and all patents, patent applications, and patent rights, therefor, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof and all right to sue for past infringement thereunder, are hereby sold, assigned, and transferred unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and all executors, administrators, and legal representatives of the undersigned, that at assignee’s request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors and assigns, any right, title, and interest covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in and to the same.

The undersigned hereby grant(s) the firm of Rankin, Hill, Lewis & Clark the power to insert on this assignment any further identification 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.
IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

July 30, 1998
Date Signed

Katsumi TAKEUCHI
(Enter first inventor's name)

Address:
c/o Hokuriku Electric Industry Co., Ltd.
3158 Shimo-okubo, Osawano-machi, Kami-niikawagun,
Toyama 939-22 Japan

July 30, 1998
Date Signed

Mahito SHIMADA
(Enter second inventor's name)

Address:
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