

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

07-13-1999

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16885 U.S. PTO
09/33/279
06/22/99

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New **6.22.99**

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Conveyance Type

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License Change of Name

Merger Other

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Month Day Year

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PATENT

REEL: 010077 FRAME: 0385

Correspondent Name and Address

Area Code and Telephone Number (216) 621-1113

Name Don W. Bulson, Esq.

Address (line 1) Renner, Otto, Boisselle & Sklar, P.L.L.

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Address (line 3) Cleveland, Ohio 44115

Address (line 4)

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Patent Application Number(s)

Patent Number(s)

Grid of input boxes for Patent Application Number(s) and 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
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Patent Cooperation Treaty (PCT)

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

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Number of Properties

Enter the total number of properties involved. # 1

Fee Amount

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

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

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Don W. Bulson

June 22, 1999

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Execution Date
Month Day Year

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Patent Application Number(s)

Patent Number(s)

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ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS, We:

Nak Cheol SUNG
Samsung Electro-Mechanics Co., Ltd.
314 Maetan-dong, Paldal-ku, Suwon-si,
Kyungki-do, Republic of Korea

Min Soo KIM
Samsung Electro-Mechanics Co., Ltd.
314 Maetan-dong, Paldal-ku, Suwon-si,
Kyungki-do, Republic of Korea

and

Jeong Ho CHO
Samsung Electro-Mechanics Co., Ltd.
314 Maetan-dong, Paldal-ku, Suwon-si,
Kyungki-do, Republic of Korea

have invented a certain invention entitled: HIGH FREQUENCY
RESONATOR, AND MANUFACTURING METHOD THEREFOR

for which application for Letters Patent of the United States have been
executed even date herewith

WHEREAS:

SAMSUNG ELECTRO-MECHANICS CO., LTD.
314 Maetan-dong, Paldal-ku, Suwon-si, Kyungki-do
Republic of Korea

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire
interest in, to and under said invention and the United States Letters
Patent to be obtained therefor.

Now, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that
for One Dollar(\$1.00) and other good and valuable consideration, receipt
of which is hereby acknowledged, we hereby sell, assign and transfer to
ASSIGNEE, its successors and assign, the entire right, title and interest to
said invention so far as concerns the United States and the Territories
and Possessions thereof, said application and all Letters Patent of the

United States to be obtained on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

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

Date June 14, 1999

Nakcheol Sung
Nak Cheol Sung

Date June 14, 1999

Minsoo Kim
Min Soo Kim

Date June 14, 1999

Jeong Ho Cho
Jeong Ho Cho