

07-20-1999

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Tab settings

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

In-jun Hwang
112-7 Myungryundong 4 Ga
Jongro-gu, Seoul
REPUBLIC OF KOREA

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: June 26, 1999

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

Name: Samsung Electronics Co., Ltd

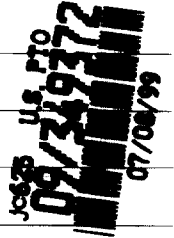
Internal Address: _____

Street Address: 416 Maetan-dong, Paldal-ku

Suwon-city, Kyungki-do, REPUBLIC OF KOREA

City: _____ State: _____ ZIP: _____

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



4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: June 26, 1999

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: Anthony P. Onello, Jr., Esq.

Internal Address: LAPPIN & KUSMER

Street Address: Two Hundred State Street

City: Boston State: MA ZIP: 02109

6. Total number of applications and patents involved: 1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

12-0448

07/19/1999 DNGUYEN 00000163 09349372

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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.

Anthony P. Onello, Jr., Reg. No. 38,572

Name of Person Signing

Signature

July 8, 1999

Date

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

A S S I G N M E N T

I, In-jun Hwang of 112-7, Myungryundong 4 Ga, Jongro-gu, Seoul, Republic of Korea, having invented improvements in FREQUENCY DEMODULATION APPARATUS AND METHOD, described in an application for Letters Patent of the United States executed by me of even date herewith, for good and valuable consideration, receipt of which is hereby acknowledged from Samsung Electronics, Co., Ltd., a Korean corporation having a place of business at 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea (and hereinafter called the Assignee, which term shall include its successors and assigns), do hereby sell, assign and transfer unto the Assignee my entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said application (which term shall include hereinafter where the context so admits all divisional, continuing, reissue and other patent applications based thereon) and the inventions (which term shall include each and every such invention, or part thereof) therein described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or on said application;

And for the same consideration I do also hereby sell, assign, and transfer unto the Assignee, all my rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and all other treaties of like purpose in respect of said inventions and said application, and I do hereby authorize the Assignee to apply in my name or its own name or its designee for patents and like rights of exclusion on or for said inventions in all countries, claiming (if the Assignee so desires) the priority of the filing date of said application under the provisions of said Convention, Treaty or any such other Convention or Treaty;

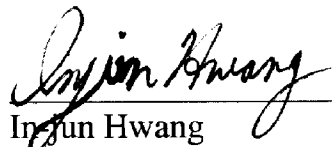
And for the same consideration, I do hereby agree for myself and for my heirs, executors, and administrators, promptly upon request of the Assignee to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by the Assignee, fully to secure to it said right, title, and interest as aforesaid in and to said inventions, applications, and said several patents and like rights of exclusion (including extensions thereof) or any of them, all, however, at the expense of the Assignee, its successors, or assigns;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding Official of each country foreign thereto to issue to the Assignee, any and all patents and like rights of exclusion which may be granted in any country upon said United States application on or for said inventions;

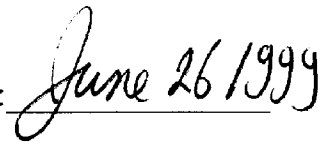
And I do hereby covenant for myself and my legal representatives and agree with the Assignee, that I have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title, and interest in and to said inventions has not been otherwise encumbered by me, and that I have not executed and will not execute any instruments in conflict herewith.

First or Sole Inventor:

Signature:


Injun Hwang

Date:



DOCKET NO. SAMJ-075
LAPPIN & KUSMER LLP
Two Hundred State Street
Boston, Massachusetts 02109
(617) 330-1300

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