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102662347

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies): 9-8-03
Mika Bordi

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

2. Name and address of receiving party(ies)
Name: Filtronic LK OY
Internal Address: _____
Street Address: _____
Takatie 6

City: Kempele
Country: Finland Zip: FIN-90440
Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: August 18, 2003

4. Application number(s) or patent number(s): 10471189
If this document is being filed together with a new application, the execution date of the new application is: August 18, 2003
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: Melvin C. Garner
DARBY & DARBY P.C.
Internal Address: Atty. Dkt.: 02709/000N199-USO
Street Address: _____
P.O. Box 5257

City: New York State: NY Zip: 10150-5257

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.

Richard J. Katz - 47,698 [Signature] September 8, 2003
Name of Person Signing Signature Date

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

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PATENT
REEL: 014941 FRAME: 0415

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged,

Mika Bordi

(hereinafter designated as the undersigned) hereby sell(s) and assign(s) to

Filtronic LK Oy

of Kempele, Finland

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee), the entire right, title and interest in the invention or improvements in

Adjustable antenna

for which an application for Letters Patent of the United States of America has been executed by the undersigned on even date herewith

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or letters patent or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceedings with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite the undersigned name(s).

Dated: 18 August 2003

Mika Bordi
Mika Bordi, Inventor

Dated: _____

, Inventor

Dated: _____

, Inventor

Dated: _____

, Inventor

ASSIGN.10