01-17-2002 F HEET U.S. DEPARTMENT OF COMMERCE Form PTO 1595 Patent and Trademark Office (Rev. 6-93) Docket No.: 2709/0J881 OMB No. 0651-0011 (exp. 4/94) To the Honorable Commissioner of Pa 101949608 ed original documents or copy thereof 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Jyrki MIKKOLA; Suvi TARVAS Name: FILTRONIC LK Oy Additional name(s) of conveying party(ies) attached? [] Yes [x] No Internal Address: Street Address: Takatie 6 3. Nature of conveyance: City: Kempele Country: FINLAND Zip: FIN-90440 [X] Assignment []Merger Security Agreement [] Change of Name Additional name(s) & address(es) attached? [] Other Execution Date: 21/08/01; 21/08/01 4. Application number(s) or patent number(s): of the application is: 21/08/01; If this document is being filed together with a new application, the execution 21/08/01 Label No. I hereby certify that, on the date indicated above, this paper or lae was deposited with the U.S. Postal Service & that it was B. Patent Addressed for delivery to the Assistant Commissioner for Platents Washington, DC 20231 by "Express Mail Post Office A. Patent Application No.(s) to Addressee" service. Additional numbers attached? [] Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Darby & Darby P.C. 7. Total fee (37 CFR 3.41):....\$ 40 Internal Address: Melvin C. Garner [X] Enclosed Street Address: 805 Third Avenue, 27th Floor [] Authorized to be charged to deposit account City: New York State: New York Zip: 10022-7513 8. Deposit account number: 04-0100 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a Statement and signature. true copy of the original document. October 23, 2001 Melvin C. Garner (26,272) Name of Person Signing Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT REEL: 012465 FRAME: 0025

## **ASSIGNMENT**

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

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

## Filtronic LK Oy

of

Kemple, 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

## Double-action antenna

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

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.

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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).

۷.,

Dated:	21 August 2001	Jane Jale
		Jyrki Mikkola , Inventor
Dated:	21 August 2001	Suvi Tarvas , Inventor
Dated:		, Inventor
Dated:		, Inventor

ASSIGN.10

RECORDED: 10/23/2001