FORM PTO-1595 O P E C 1 1998 1009290	SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):  MID 12-14-98  Göran Dahlberg, Magnus Fröjd, Niels Hartz,  Ulf Näslund	Name and address of receiving party(ies):     Name: Aktiebolaget Electrolux  Internal Address:
Additional name(s) of conveying party(ies) attached?  Yes  No	
3. Nature of Conveyance:  ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other  Execution Date: October 2, 1998	Street Address: S-105 45  City: Stockholm State: SWEDEN Zip:  Additional name(s) of receiving party(ies) attached? □ Yes □ No
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application</li> <li>A. Patent Application No.(s): 09/155,814</li> </ul>	, the execution date of the application is:    B. Patent No.(s):
Additional number(s) at	tached? □ Yes □ No
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1
Name: Jeffrey J. Sopko  Street Address: 1200 Leader Building	7. Total Fee (37 C F.R. §3.41) \$40.00  ■ Enclosed  □ Authorized to be charged to Deposit Account
City: Cleveland State: OH Zip: 44114-1401	8. Deposit Account No.  16-0820, Order No. 31043  (Attach duplicate copy of this page if paying by deposit account)
J DO NOT USI	E THIS SPACE
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.	

PATENT REEL: 9652 FRAME: 0034

## ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in a

## **CYLINDER**

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 by bwelow in the appropriate spaces to the right of the signatures of the undersigned, which application is further identified as Pearne, Gordon, McCoy & Granger Docket No. 31043.

WHEREAS, AKTIEBOLAGET ELECTROLUX, a corporation of the Kingdom of Sweden, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

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 and throughout the world, in, to and under said improvements and inventions and all patents. patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, 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, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignements, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property 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, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the enire right, title and interest in, to, and under the same.

The undersigned hereby grant the firm of Pearne, Gordon, McCoy & Granger the power to insert on this assignment any further identification which may be necessary or desireable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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PATENT REEL: 9652 FRAME: 0035

## IN WITNESS WHEREOF, this assignment has been executed by the undersigned:

Date I Signed Declaration	Today's Date
98-10-02	98-10-02 (Göran Dahlberg)
Ado	dress: Bunnström, S-563 92 GRÄNNA, Sweden
Date I Signed Declaration	Today's Date
98-10-02	98-10-02
	(Magnus Fröjd)
	Address: Mossvägen 6, S-561 39 HUSKVARN
Date I Signed Declaration	Today's Date
98-10-02	98-10-02 Late
Ado	(Niels Hartz) dress: Skolgatan 7, S-561 35 HUSKVARNA, Sweden
Date I Signed Declaration	Today's Date
98-10-02	98-10-02 by Varland
	(Ulf Näslund)
	Address: Mossvägen 4, S-561 39 HUSKVARN
2 - 12m	H/-1
16	at the
Witness	Witness

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PATENT RECORDED: 12/14/1998 REEL: 9652 FRAME: 0036