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FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)



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RECEIPT ACTING DIV

To the Honorable Commissioner of Patent.

100911336

...nal document or copy thereof

1. Name of conveying party(ies):

Larry M. Engebritson (executed 12/30/97)
Thomas L. Miller (executed 12/16/97)

Additional name(s) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Dates: See above

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

Name: Amana Corporation

Internal Address:

Street Address: 2800 220th Trail

City: Amana

State: IA

Zip: 55204

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

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

If this document is being filed together with a new application, the filing date of the application is:

A. Patent Application No. 08/929,192, filed 9/8/97

B. Patent No.

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark A. Thomas

Internal Address: Arnold, White & Durkee

Street Address: P.O. Box 4433

City: Houston State: TX Zip: 77210

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

8. Deposit account number: 01-2508 (AMNA:013)

DO NOT USE 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.

Mark A. Thomas/Reg. No. 37,953

Date

Atty. Docket No.: AMNA:013

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:
Honorable Commissioner for Patents and Trademarks, Attn: Box Assignments
Washington, D.C. 20231

03/10/1998 TTM11 00000134 00929192
01 FC:581 40.00 DP

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to AMANA CORPORATION (the "Assignee"), a corporation of Delaware, having a place of business at 2800 220th Trail, Amana, IA 55204, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Application No. 08/929,192, which was filed on September 8, 1997, and is entitled "A Microwave Oven Having An Orthogonal Electromagnetic Seal," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE the above-mentioned Assignee to insert in this instrument the filing date and application number of said application;

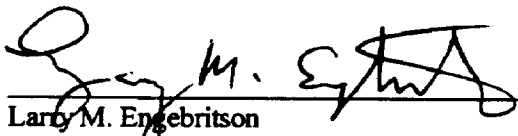
AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

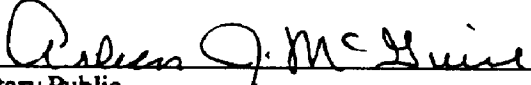
Date: 12/30/97



Larry M. Engebritson

STATE OF Iowa)
) SS:
COUNTY OF Linn)


BEFORE ME, the undersigned authority, on this 30th day of December 1997, personally appeared Larry M. Engebritson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Notary Public

[seal]

ARNOLD, WHITE & DURKEE

 **ARLEEN J MCGUIRE**
Notary Public State of IA
My Commission Expires
Feb. 16, 1998
PATENT

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to AMANA CORPORATION (the "Assignee"), a corporation of Delaware, having a place of business at 2800 220th Trail, Amana, IA 55204, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Application No. 08/929,192, which was filed on September 8, 1997, and is entitled "A Microwave Oven Having An Orthogonal Electromagnetic Seal," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE the above-mentioned Assignee to insert in this instrument the filing date and application number of said application;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Date: 12/16/97

Tom Miller
Thomas L. Miller

STATE OF Iowa)
) SS:
COUNTY OF Iowa)

BEFORE ME, the undersigned authority, on this 16 day of December 1997, personally appeared Thomas L. Miller, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Kathy S. Miller
Notary Public

[seal]