**RECORDATION FORM COVER SHEET**

**PATENTS ONLY**

**TO:** The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

### Submission Type
- X New
- [ ] Resubmission (Non-Recordation)
- [ ] Correction of PTO Error
  - Reel #
  - Frame #
- [ ] Corrective Document
  - Reel #
  - Frame #

### Conveyance Type
- X Assignment
- [ ] Security Agreement
- [ ] License
- [ ] Change of Name
- [ ] Merger
- [ ] Other

**U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- [ ] Departmental File
- [ ] Secret File

### Conveying Party(ies)
- [ ] Mark if additional names of conveying parties attached

#### Name (line 1)
The Penn Ventilation Companies, Inc.

#### Execution Date
Month Day Year
01 2199

#### Name (line 2)

#### Second Party

#### Name (line 1)

#### Name (line 2)

### Receiving Party
- [ ] Mark if additional names of receiving parties attached

#### Name (line 1)
Penn Ventilation, Inc.

#### Name (line 2)

#### Address (line 1)
9995 Cantry Road

#### Address (line 2)

#### Address (line 3)
Philadelphia, Pennsylvania 19115

#### City

#### State/County

#### Zip Code

### Domestic Representative Name and Address
Enter for the first Receiving Party only.

#### Name

#### Address (line 1)

#### Address (line 2)

#### Address (line 3)

#### Address (line 4)

### FOR OFFICE USE ONLY

([Signature])

01-06-1999

[Stamp] 200.00

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**REEL: 010272 FRAME: 0897**
Correspondent Name and Address

Name: Kathleen Ranesbottom
Address (line 1): Warner Norcross & Judd LLP
Address (line 2): 111 Lyon N.W., Suite 900
Address (line 3): Grand Rapids, Michigan 49503

Pages
Enter the total number of pages of the attached conveyance document including any attachments.

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

<table>
<thead>
<tr>
<th>Patent Application Number(s)</th>
<th>Patent Number(s)</th>
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<tbody>
<tr>
<td>4411453</td>
<td>5336050</td>
</tr>
<tr>
<td>4475534</td>
<td>5512809</td>
</tr>
<tr>
<td>5292353</td>
<td>5810557</td>
</tr>
</tbody>
</table>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

Number of Properties
Enter the total number of properties involved.

<table>
<thead>
<tr>
<th>Number of Properties</th>
<th>#</th>
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<tbody>
<tr>
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Fee Amount
Fee Amount for Properties Listed (37 CFR 3.41): $280.00

Method of Payment: Enclosed [X] Deposit Account [ ]
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

<table>
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<th>Authorization to charge additional fees</th>
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<tr>
<td>Yes [X] No [ ]</td>
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</table>

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. Charges to deposit account are authorized, as indicated herein.

Kathleen Ranesbottom
Name of Person Signing

Signature

Date 9/26/99
PATENT ASSIGNMENT

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar ($1.00), the receipt and sufficiency of which is acknowledged, and for other good and valuable consideration, ASSIGNOR, The Penn Ventilation Companies, Inc. (formerly known as Penn Ventilator Co., Inc.), a Pennsylvania Corporation having a place of business at 9995 Gantry Road, Philadelphia, PA 19115 sells, assigns, and transfers to ASSIGNEE, Penn Ventilation, Inc., a Delaware Corporation having a place of business at 9995 Gantry Road, Philadelphia, PA 19115 and the successors, assigns, and legal representatives of ASSIGNEE, the entire right, title, and interest in the United States and in all foreign countries in and to the following patents and patent application or the inventions disclosed and claimed therein:

U.S. Patent Registrations

<table>
<thead>
<tr>
<th>Patent No.</th>
<th>Title</th>
<th>Issue Date</th>
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<tbody>
<tr>
<td>4,411,453</td>
<td>&quot;Fan of Blower Assembly&quot;</td>
<td>October 25, 1983</td>
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<tr>
<td>4,475,534</td>
<td>&quot;Ventilating System for Kitchen Stove&quot;</td>
<td>October 9, 1984</td>
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<tr>
<td>5,292,353</td>
<td>&quot;Air Scrubber&quot;</td>
<td>March 8, 1994</td>
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<tr>
<td>5,336,050</td>
<td>&quot;Ventilator Fan Device&quot;</td>
<td>August 9, 1994</td>
</tr>
<tr>
<td>5,512,809</td>
<td>&quot;Apparatus and Method for Starting and Controlling a Motor&quot;</td>
<td>April 30, 1996</td>
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<tr>
<td>5,707,209</td>
<td>&quot;Centrifugal Ventilator Fan&quot;</td>
<td>January 13, 1998</td>
</tr>
<tr>
<td>5,810,557</td>
<td>&quot;Fan Wheel for an Inline Centrifugal Fan&quot;</td>
<td>September 22, 1998</td>
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<tr>
<td>4,586,486</td>
<td>&quot;Multilevel air distribution panel for air ventilation hood&quot;</td>
<td>May 5, 1986</td>
</tr>
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<td>4,977,884</td>
<td>&quot;Fail-Safe Blower Drive for Roof Mounted Kitchen Hood Grease Exhaust Blowers&quot;</td>
<td>December 18, 1990</td>
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<tr>
<td>5,060,557</td>
<td>&quot;Smoke Damper Blade Seal&quot;</td>
<td>October 29, 1991</td>
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<td>5,254,034</td>
<td>&quot;Adjustable Width Louver&quot;</td>
<td>October 19, 1993</td>
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* Abandoned by Penn Ventilation; may be revived by paying maintenance fee plus surcharge by January 29, 1999.

PCT Application

<table>
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<tr>
<th>Application No.</th>
<th>Title</th>
<th>Filing Date</th>
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<tr>
<td>PCT/US97/12254</td>
<td>&quot;Fan Wheel for an Inline Centrifugal Fan&quot;</td>
<td>July 10, 1997</td>
</tr>
<tr>
<td>(expired)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ASSIGNOR further sells, assigns, and transfers to ASSIGNEE and the successors, assigns, and legal representatives of ASSIGNEE, the entire right, title, and interest in and to all claims for damages by reason of past infringement of said patents with the right to sue for and collect same and in and to all legal equivalents of said patents and patent applications in foreign countries and any reissue or reexamination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon ASSIGNEE's request, be provided promptly with all pertinent facts and documents relating to said inventions and said patents and patent applications and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE, or its legal representatives, any and all papers, instruments, and affidavits required to apply for, obtain, maintain, issue, and enforce said inventions, said patents, and said equivalents thereof, which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, ASSIGNOR has executed this Assignment as of the date indicated below.

Date: January 21, 1999

THE PENN VENTILATION COMPANIES, INC.

By: [Signature]

Its: [Signature]

Subscribed and sworn to before me this 21st day of January, 1999.

[Signature]

Notary Public

[County, Pennsylvania]

My Commission Expires: [Date]

[Seal]

PATENT
REEL: 010272 FRAME: 0900