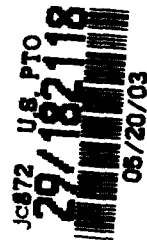


05-29-2003



102459668



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
ASSIGNMENT BRANCH

Watts, Hoffmann, Fisher & Heinke Co., L.P.A.

P.O. Box 99839

Cleveland, Ohio 44199-0839

Telephone: (216) 241-6700

5-20-03

Use Mail Label No. EV 2313 1318 1/2 38 Docket No.: 16-275

**MAIL STOP DESIGN**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited today  
with the U.S. Postal Service as Express Mail addressed  
to the Assistant Commissioner for Patents, P.O. Box 1450,  
Alexandria, VA 22313-1450

Dear Sir:

Please record the attached original document(s) or copy thereof as follows:

*Conveying Party:* Ruben Perfetti, John Martin, Martin Luckhaus and Bo Sun

*Receiving Party:* Volvo Trucks North America, Inc.  
*Address:* 7900 National Service Road  
Greensboro, N.C. 27402

29182118

*Nature of Conveyance:* Assignment

*Date of Execution:* March 18, 2003; April 2, 2003; May 9, 2003 and March 31, 2003, respectively

Please record against:

*Patent No(s):*

*Application No(s):* not yet assigned

*No. of Patent(s):* *No. of Application(s):* 1

If this document is being filed together with a new application, the execution date of the application is: March 18, 2003; April 2, 2003; May 9, 2003 and March 31, 2003, respectively. (Payment for the recordal fees has been included in the check in the amount of \$370.00 accompanying the application.)

(or)

A check in the amount of \$ for the recordal fees is enclosed.

05-29-2003 EAREGAY: 00000080 29182118

05-29-2003

40.00 00

XX Please charge any additional fees, or credit any overpayment, to Deposit Account  
23-0630.

Total number of pages including cover sheet, attachments and document: 32

To my best knowledge and belief, the foregoing information is true and correct. Please  
correspond with Watts, Hoffmann, Fisher & Heinke at the above address.

Respectfully submitted,

May 20, 2003

Date

Ken Smith

Kenneth J. Smith

Reg. No.:45,115

## ASSIGNMENT


IN CONSIDERATION of One Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, I, Ruben Perfetti, a citizen of United States of America, and residing at 3312 Albemarle Road, Greensboro, North Carolina 27410, do hereby sell, transfer, set over and assign unto Volvo Trucks North America, Inc., a Delaware corporation with a principal place of business at 7900 National Service Road, Greensboro, N.C. 27402, its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to the invention entitled HOOD invented by me and John Martin and Martin Luckhaus and Bo Sun and the application for United States patent therefor, executed concurrently herewith, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subjects-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents in countries foreign to the United States, and in and to any Letters Patent which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent to the said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, as assignee and owner of the said entire interest, and covenant that I have full right to convey said entire interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith, and agree that I will communicate to said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, I will upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, either in its or my own name, to apply for, obtain and enforce proper patent protection in all countries, including priority rights granted to patents in foreign countries according to all the laws and treaties in force, all without further consideration but at the expense of said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives.

Date: 3/18/03

  
\_\_\_\_\_  
Ruben Perfetti

State of North Carolina                    )  
  ) SS  
County of Guilford                        )

This 18<sup>th</sup> day of March, 2003, before me personally came the above-named Ruben Perfetti to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

  
\_\_\_\_\_  
Notary Public

## ASSIGNMENT


IN CONSIDERATION of One Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, I, John Martin a citizen of United States of America, and residing at 174 Forrest Drive, Madison, North Carolina 27025, do hereby sell, transfer, set over and assign unto Volvo Trucks North America, Inc., a Delaware corporation with a principal place of business at 7900 National Service Road, Greensboro, N.C. 27402, its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to the invention entitled HOOD, invented by me and Ruben Perfetti and Martin Luckhaus and Bo Sun and the application for United States patent therefor, executed concurrently herewith, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subjects-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents in countries foreign to the United States, and in and to any Letters Patent which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent to the said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, as assignee and owner of the said entire interest, and covenant that I have full right to convey said entire interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith, and agree that I will communicate to said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, I will upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, either in its or my own name, to apply for, obtain and enforce proper patent protection in all countries, including priority rights granted to patents in foreign countries according to all the laws and treaties in force, all without further consideration but at the expense of said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives.

Date: 4/2/03

  
\_\_\_\_\_  
John Martin

State of North Carolina                     )  
  ) SS  
County of Guilford                                )

This 2<sup>nd</sup> day of April, 2003, before me personally came the above-named John Martin to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

  
\_\_\_\_\_  
Notary Public

## ASSIGNMENT

IN CONSIDERATION of One Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, I, Martin Luckhaus, a citizen of United States of America and Sweden, and residing at Sten Sturegaten 44, SE - 41252 Gothenburg, Sweden, do hereby sell, transfer, set over and assign unto Volvo Trucks North America, Inc., a Delaware corporation with a principal place of business at 7900 National Service Road, Greensboro, N.C. 27402, its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to the invention entitled HOOD, invented by me and Ruben Perfetti and John Martin and Bo Sun and the application for United States patent therefor, executed concurrently herewith, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subjects-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents in countries foreign to the United States, and in and to any Letters Patent which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent to the said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, as assignee and owner of the said entire interest, and covenant that I have full right to convey said entire interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith, and agree that I will communicate to said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, I will upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, either in its or my own name, to apply for, obtain and enforce proper patent protection in all countries, including priority rights granted to patents in foreign countries according to all the laws and treaties in force, all without further consideration but at the expense of said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives.

Date: 5/9/03

Martin Luckhaus  
Martin Luckhaus

Witness:

Peter J. Chadwick  
Signature  
PETER J. CHADWICK  
Printed Name

KROKBACKSGATAN 14  
Address  
426 74 VÄSTRA  
FRÖLUNDA  
SWEDEN

Witness:

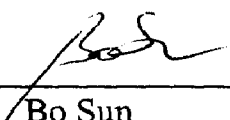
Håkan Peuch  
Signature  
HÅKAN PEUCH  
Printed Name

LÅNGEDRAGSVÄGEN 16+B  
Address  
42674 VÄSTRA FRÖLUNDA  
SWEDEN

## ASSIGNMENT


IN CONSIDERATION of One Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, I, Bo Sun, a citizen of United States of America, and residing at 3973 Cobblestone Bend Drive, High Point, North Carolina 27265, do hereby sell, transfer, set over and assign unto Volvo Trucks North America, Inc., a Delaware corporation with a principal place of business at 7900 National Service Road, Greensboro, N.C. 27402, its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to the invention entitled HOOD, invented by me and Ruben Perfetti and John Martin and Martin Luckhaus and the application for United States patent therefor, executed concurrently herewith, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subjects-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents in countries foreign to the United States, and in and to any Letters Patent which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent to the said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, as assignee and owner of the said entire interest, and covenant that I have full right to convey said entire interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith, and agree that I will communicate to said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, I will upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, either in its or my own name, to apply for, obtain and enforce proper patent protection in all countries, including priority rights granted to patents in foreign countries according to all the laws and treaties in force, all without further consideration but at the expense of said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives.

Date: 3/31/03

  
\_\_\_\_\_  
Bo Sun

State of North Carolina           )  
  ) SS  
County of Guilford                )

This 31 day of March, 2003, before me personally came the above-named Bo Sun to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

  
\_\_\_\_\_  
Notary Public