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

Printed Name of Attorney/Agent:

Karl G. Hanson

Registration No.: 32,900

June 19, 2003

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Case No.: 58242US002

## **ASSIGNMENT OF APPLICATION**

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

FILTERING FACE MASK THAT HAS A RESILIENT SEAL SURFACE IN ITS EXHALATION VALVE
<ul> <li>✓ for which an application for a United States Patent is being filed contemporaneously herewith;</li> <li>☐ for which an application for a United States Patent identified as U.S. Patent Application No.; was filed on;</li> <li>☐ which application is identified as PCT International Patent Application No. filed;</li> </ul>
Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment by 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and
enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made; I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and
deliver without further consideration any further applications, assignments, and documents, and to perform such other
acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees,
fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or

Inventors' Certificates in any and all countries; and
I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may
be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the
entire right, title, and interest therein.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Philip G.	Family Name or Surname: Martin		
7 mip 3.	Weater		
Inventor's Signature:	Date:		
white Want	6/19/2003		
Residence: V	Country:	Citizenship:	
Forest Lake, Minnesota	USA	United States of America	
STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY  On this 19th day of June, 2003, before me personally appeared the above-named Philip G. Martin, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  SUSAN M. DACKO NOTARY PUBLIC MINNESOTA My Comm. Expires Jan. 31 2005			

Case No.: 58242US002

Given Name (first and middle [if any]):	Family Name or Surname:		
Jianxian	Xue		
Inventor's Signature:	Date: 6 - 19 - 7003		
Residence:	Country:	Citizenship:	
St. Paul, Minnesota	USA	People's Republic of China	
STATE OF MINNESOTA ) ) ss.			
COUNTY OF RAMSEY )			
On this 19th day of June, 2003, before me personally appeared the above-named Jianxian Xue, and who executed the			
foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal) SUSAN M. DACKO Notary Public Notary Public			
My Comm. Expires Jan. 31 2005			

Assignment Page 2 of 2 Case No.: 58242US002

PATENT REEL: 014202 FRAME: 0739