04-05-1999



FORM PTO - 1595 REI	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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To the Reporable Commissioner of Patents and Trademarks, ease record the attached original documents or copy thereof	
Name of conveying party(ie) Shozo Minagawa Kenta Yamada	2. Name and address of receiving party (ies): Name: PHILIP MORRIS INCORPORATED Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No Street: 120 Park Avenue	
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: 03/05/99	Address: New York, NY 10017 Additional name(s) address(es) attached? YesX_ No
4. Application number (s) or patent number (s): Serial No. 29/098,775 filed 01/06/99	
If this document is being filed together with a executed application, the execution date of the application is:	
A. Patent Application No. Additional numbers attached? Yes X No	
 Name and address of party to whom correspondent concerning document should be mailed: Name: 	6. Total Number of applications and patents involved: (1)
Richard M. Beck Internal Address: CONNOLLY AND HUTZ	7. Total Fee (37 CFR 3.41) \$40.00 X Enclosed Authorized to be charged to deposit account
Street Address: P.O. BOX 2207 City: WILMINGTON State: DE Zip: 19	8. Deposit account number: 03-2775 (If any additional fee is required)
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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. RICHARD M. BECK Name of Person Signing Reg. No. 22,580 Signature Date	
Attorney Docket #: 4981*133 Tot	al number of pages including cover sheet, attachments and document:
Do not detatch this portion Mail documents to be recorded with required cover sheet information to: Assignment Branch U.S. Patents and Trademarks Office Office Public Records Crystal Gateway 4, Room 33 Washington, D.C. 20231	
Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering	

the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information and the Completing and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

ASSIGNMENT

THIS ASSIGNMENT, by Shozo Minagawa and Kenta Yamada (hereinafter referred to as

"the Assignors"), residing at Shubaura 3-5-25, Minato-ku, Tokyo, Japan and Ogikubo 2-43-

17#104, Suginami-ku, Tokyo, Japan, witnesseth:

WHEREAS the Assignors have made certain new and useful inventions in "CARRYING

CASE" set forth in an application for Letters Patent of the United States of America Serial No.

29/098,775, filed January 6, 1999; and

WHEREAS, PHILIP MORRIS INCORPORATED, a corporation duly organized under and

pursuant to the laws of the State of Virginia and having an office and place of business at 120

Park Avenue, New York, New York 10017, is desirous of acquiring the entire right, title, and

interest in and to the inventions for the United States and the application for Letters Patent of the

United States, and in any United States Letters Patent or Patents, to be obtained therefor and

thereon; and

WHEREAS, PHILIP MORRIS PRODUCTS INC., a corporation organized and existing

under the laws of the State of Virginia and having an office and place of business at 3601

Commerce Road, Richmond, Virginia 23234, is desirous of acquiring the entire right, title, and

interest in and to the inventions for countries foreign to the United States, and in and to any

foreign patent applications, and in and to any foreign Letters Patent or Patents to be obtained

therefor and thereon; and

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar

(\$1.00) to each of us paid and other good and valuable consideration, the receipt and sufficiency

of which is hereby acknowledged;

1

PATENT

REEL: 9854 FRAME: 0636

ASSIGNMENT OF UNITED STATES PATENT RIGHTS

We do hereby sell, assign and transfer unto PHILIP MORRIS INCORPORATED, its successors, assigns and legal representatives, all right, title and interest in and to the inventions for the United States, and in and to the United States patent application, including any continuations and divisions thereof, and any substitute applications therefor and any United States patents which may issue thereon and any reissues and extensions of the same; and we hereby authorize and request the Commissioner of Patents to grant and issue any and all patents on the inventions in the United States to PHILIP MORRIS INCORPORATED as the assignee thereof.

ASSIGNMENT OF FOREIGN PATENT RIGHTS

Further in view of the consideration hereinabove referred to we do hereby sell, assign, and transfer unto PHILIP MORRIS PRODUCTS INC., its successors, assigns and legall representatives, all right, title and interest in and to the inventions for all countries foreign to the United States, including the right to claim priority under the International Convention based on the United States patent application, and in and to any foreign patent application, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any foreign patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on the inventions in any foreign country to PHILIP MORRIS PRODUCTS INC. as the assignee thereof.

We further agree to execute upon request of the assignee PHILIP MORRIS INCORPORATED such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in the United States, and to execute upon request of assignee PHILIP MORRIS PRODUCTS INC. such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in countries foreign to the United States, and

2

to otherwise give full effect to and perfect the rights of the assignee PHILIP MORRIS INCORPORATED in the United States and of assignee PHILIP MORRIS PRODUCTS INC. in countries foreign to the Unites States.

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions and any and all applications for Letters Patent abovementioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that the Assignors will, whenever counsel of the assignees, or counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with the inventions or any and all applications for Letters Patent, or any proceeding in connection with Letters Patent for the inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for the inventions, without charge to the assignees, their successors, legal representatives, and assigns, but at the cost and expense of the assignees, their successors, legal representatives, and assigns;

3

PATENT REEL: 9854 FRAME: 0638 IN TESTIMONY THEREOF, we have hereunto signed our names the dates hereinafter

Shozo Minagawa

RECORDED: 03/18/1999

3/5/99 Date

Kenta Yamada

3 /5 /94 Date

patn/62257

4

PATENT REEL: 9854 FRAME: 0639