1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Kiyoshi HOSONO Name:	To the Director of the U.S. Patent and T, 103	100921 Decord the attached documents or the new address(es) below.
Kiyoshi HOSONO Name:		
Additional name(s) of conveying party(ies) attached? Yes No Internal Address: Street Address: Street Address: Street Address: Street Address: Street Address: Security Agreement Joint Research Agreement City:	Kiyoshi HOSONO	Name: Japan Tobacco Inc. 90
Execution Date(s): September 27, 2005 X Assignment Merger Change of Name Security Agreement Joint Research Agreement JAPAN Government Interest Assignment State: City: Government Interest Assignment State: Zip: Mathematication or patent number(s): X This document is being filed together with a new application. A. Application or patent number(s): X This document is being filed together with a new application. A. Patent Application No.(s) NeW B. Patent No.(s) Street Address: Atty. Dkt: Other 1 Internal Address: Atty. Dkt: Other 6. Total number of applications and patents involved: 1 Internal Address: Atty. Dkt: Other 4. Authorized to be charged by credit card 1 Internal Address: 8110 Gatehouse Rd Suite 100 East None required (government interest not affecting tilte City: Falls Church 8. Payment Information a. Credit Card Last 4 Numbers Fax Number: (703) 205-8000 Expiration Date b. Deposit Account Number b. Deposit Account Number		
Execution Date(s): September 27, 2005 X Assignment Merger Change of Name Security Agreement Joint Research Agreement JAPAN Government Interest Assignment State: City: Executive Order 9424, Confirmatory License Other State: Other Additional name(s) & address(es) Yes X No A. Application or patent number(s): X This document is being filed together with a new application. A. Patent Application No.(s) NEW B. Patent No.(s) B. Patent No.(s) Name: James M. Slattery BIRCH, STEWART, KOLASCH & BIRCH, LLP Concerning document is being filed together with a new application. 1 Internal Address: Atty. Dkt: 0042-0535PUS1 Street Address: 8110 Gatehouse Rd Suite 100 East P.O. Box 747 Authorized to be charged to deposit account X anthorized to be charged to deposit account X anthorized to government interest not affecting title City: Falls Church B. Payment Information a. Credit Card Last 4 Numbers Expiration Date Fax Number: (703) 205-8000 Expiration Date Date Date Date	Additional name(s) of conveying party(ies) attached?	Street Address:
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Executive Order 9424, Confirmatory License Country:Zip:		
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A. Application or patent number(s): X A. Patent Application No.(s) X This document is being filed together with a new application. B. Patent No.(s) Additional numbers attached? Yes Additional numbers attached? Yes Additional numbers attached? Yes Additional numbers attached? Yes Name and address to whom correspondence concerning document should be mailed: Name: James M. Slattery BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt:: 0042-0535PUS1 Street Address: 8110 Gatehouse Rd Suite 100 East P.O. Box 747 City: Falls Church State: VA Zip: 22040-0747 Phone Number: (703) 205-8000 Fax Number: (703) 205-8050		
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Birch, Stewart, Kolasch & Birch, LLP

JMS/clb

PATENT REEL: 017077 FRAME: 0278

Atty Docket: 0042-0535PUS1NTF04-0001US ASSIGNMENT (04S0169P1)

In consideration of value received, I, having a mailing address at c/o JAPAN TOBACCO INC.2-1, Toranomon 2-Chome, Minato-ku, Tokyo, 105-8422, JAPAN, and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

CIGARETTE FILTER

2

said application having been filed on and assigned Application No. ; sell and assign to JAPAN TOBACCO INC. a corporation of Japan, having a business address at 2-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8422 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent : (check one)

- [X] executed concurrently herewith;
- [] executed separately herefrom;

and in and to all applications for patent and patents for said invention including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Birch, Stewart, Kolasch & Birch, LLP, 8110 Gatehouse Road, Suite 100 East, Falls Church, Virginia 22042-1248

PATENT REEL: 017077 FRAME: 0279 Atty Docket: 0042-0535PUS1

ASSIGNMENT

NTF04-0001US (04S0169P1)

Inventor: (Signature) Date

Residence

Riyoshi Hosono SEP. 27.2005

Tokyo, Japan

RECORDED: 10/06/2005