502515146 09/30/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Eun-Haun CHO | 09/30/2013 |

RECEIVING PARTY DATA

| Name: | 3M Innovative Properties Company |
|-----------------|----------------------------------|
| Street Address: | P.O. Box 33427 |
| City: | St. Paul |
| State/Country: | MINNESOTA |
| Postal Code: | 55133-3427 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29460263 |

CORRESPONDENCE DATA

Fax Number: 6517363833

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: 3M Innovative Properties Company

Address Line 1: P.O. Box 33427

Address Line 4: St. Paul, MINNESOTA 55133-3427

| ATTORNEY DOCKET NUMBER: | 74339US002 |
|-------------------------|--|
| NAME OF SUBMITTER: | Hylis H. Froelke |
| Signature: | /Hylis H. Froelke/ |
| Date: | 09/30/2013 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 1

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PATENT REEL: 031311 FRAME: 0555

DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.83)

Case No:

74339US002

| application and for which a patent is sought on the invention entitled: | |
|---|---|
| CADDY | |
| The specification of which: | |
| is attached hereto; | |
| | 460263 |
| is identified as PCT International Application No. | |
| filed on | |
| I hereby acknowledge that any willful false statement made in this declaration is fine or imprisonment of not more than 5 years, or both. In addition, for good and valuable consideration, receipt of which is acknowledge and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES OF 3M COMPANY, and a corporation of Delaware, having its principal office at Sai assigns, the entire right, title, and interest in and to the said invention and application (in whole or in part) of said application, and in and to any and all in by me or made jointly with others (provided any such improvement is made during termination of, my employment with 3M COMPANY and any of its existing or fur all Letters Patent, reexaminations, reissues, or extensions thereof, of the United thereto (including the right to apply for Letters Patent, Utility Models, or Inventor own name and to claim any priority rights for such foreign applications to which international conventions, treaties, or otherwise), which have been or may be goontinuation (in whole or in part), renewal, reexamination, reissue, or other or further upon the said invention or improvements thereon, to be held and enjoyed as | ged, I have agreed to assign and transfer OMPANY, a wholty-owned subsidiary of int Paul, Minnesota, its successors and cation, and in and to any division or approvements in the said invention made ing, or within one year after the ture subsidiaries), and in and to any and distates of America and countries foreign rs' Certificates in foreign countries in its such applications are entitled under ranted thereon or on any divisional, urther application based in whole or in |

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the

countries, and

I 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,

I do further agree for myself and for my 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 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

Legal Name of Inventor: **Eun-Haun CHO**Inventor's Signature:

On September 20, 20/3.

PATENT REEL: 031311 FRAME: 0556

RECORDED: 09/30/2013

title, and interest therein.