

**RECORD OF ACTION TAKEN BY THE DIRECTORS  
OF 3M INNOVATIVE PROPERTIES COMPANY**

We, the undersigned, being all the directors of 3M Innovative Properties Company, do hereby authorize in writing, without a meeting therefore, pursuant to section 141 (f) of Delaware General Corporation Law, the adoption of the following:

**Resignation of Officer**

RESOLVED, that the resignation of Robert W. Sprague from the office of Secretary is accepted, effective February 27, 2015.

**Election of Officers**

RESOLVED, that the following individual is appointed by the Board of Directors of the Company to the office of the Company set forth opposite his name effective as of March 1, 2015, to serve in such capacity until his successor is duly elected and has been qualified or until his earlier death, resignation, removal or disqualification:

Ted K. Ringsred      Secretary

FURTHER RESOLVED, that the following individuals, being previously appointed by the Board of Directors of the Company to the office(s) of the Company set forth opposite their names, shall continue to serve in such capacities until their successors are duly elected and have been qualified or until their earlier death, resignation, removal or disqualification:

Kevin H. Rhodes      President  
Kimberly M. Torseth      Treasurer

**Resolution Authorizing Officers to  
Manage Day-to-Day Business Operations**

WHEREAS, in order to properly manage the day-to-day business operations of the Company, employees of the Company are required from time to time to affix the signature of the Company to agreements, leases, obligations, certificates, and other papers and instruments in writing; and

WHEREAS, it is in the best interests of the Company to designate the foregoing officers of the Company who shall be empowered to authorize the execution of such written instruments and to take any and all such action as necessary or advisable in conducting the business, operations, and affairs of the Company as generally pertain to their respective offices;

RESOLVED, that the foregoing officers, or their respective successors as elected by this Board of Directors, or such other persons as may be designated by any one of the foregoing named officers, shall be and each hereby is authorized to affix the signature of the Company to such agreements, leases, obligations, certificates, and other papers and instruments in writing which each may deem reasonably necessary to properly manage the regular day-to-day business operations of the Company, including taking any and all such action as necessary or advisable in conducting the business, operations, and affairs of the Company as generally pertain to their respective offices.

#### **Authorization of Individuals to Grant Powers of Attorney**

WHEREAS, it is frequently necessary to grant special powers of attorney to persons for the purpose of carrying out and giving effect to such matters previously approved and authorized by this Board of Directors, a committee of the Board, the President, or which arises in the ordinary course of business; and

WHEREAS, it is deemed advisable that certain individuals be authorized to grant, sign, and deliver in the name of and for and on behalf of this Corporation such powers of attorney;

NOW, THEREFORE, BE IT RESOLVED, That:

- 1) The following Titles are authorized to grant, sign and deliver in the name and on behalf of this Corporation in any country, such powers or powers of attorney, either general or specific, to such person or persons as they or any of them may from time to time deem advisable and convenient to carry out and effect such matters as have previously been approved and authorized by this Board of Directors, a committee of the Board, President, or which arise in the ordinary course of business:

President	Secretary
Assistant Secretary	Treasurer

#### **Authorization to Sign Documents Relating to International Business Development**

FURTHER RESOLVED, That Ariel Lacsamana, Director of Global Channel Services be and hereby is authorized to sign on behalf of 3M Innovative Properties Company any and all documents or materials in connection with the Global Channel Services portion of 3M Innovative Properties Company.

**Authorization to Sign Documents  
Relating to Intellectual Property**

FURTHER RESOLVED, that the Chief Intellectual Property Counsel, or a Deputy Chief Intellectual Property Counsel, or an Associate Chief Intellectual Property Counsel, or an Assistant Chief Intellectual Property Counsel, or a Managing IP Counsel, or an Intellectual Property Counsel, or a Patent Agent or any of them be and hereby are authorized to sign any and all documents or other materials in connection with the filing, prosecution, maintenance, or ownership of any patent, trademark, or copyright anywhere in the world.

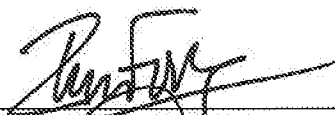
**Authorization to Sign Agreements and/or Litigation  
Relating to Intellectual Property**

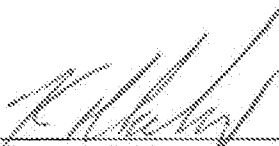
FURTHER RESOLVED, that the President or Secretary, or their respective successors as elected by this Board of Directors, or such persons as may be designated by any one of the forgoing named officers, shall be and each hereby is authorized to affix the signature of the Company to such agreements and litigation involving intellectual property including any patent, trademark, copyright, or trade secret matter anywhere in the world, on behalf of the Company.

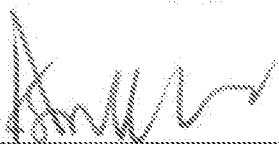
FURTHER RESOLVED, that the officers of the Company be, and each individually is, hereby authorized to do and perform any and all such acts, including execution of any and all documents and certificates, as such officers shall deem necessary or advisable to carry out the purposes of the foregoing resolutions.

FURTHER RESOLVED, that any actions taken by such officers prior to the date of the foregoing resolutions adopted hereby that are within the authority conferred hereby are hereby ratified, confirmed, and approved as the acts and deeds of the Company.

IN WITNESS WHEREOF, the undersigned have subscribed their own names.

  
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Ivan K. Fong  
Date: Mar. 2, 2015

  
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Kevin H. Rhodes  
Date: February 26, 2015

  
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Ashish K. Khandpur  
Date: 3<sup>rd</sup> March 2015