

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
General Chemical Industrial Products, Inc.	08/25/2005
General Chemical International, Inc.	08/25/2005
General Chemical (Soda Ash) Inc.	08/25/2005
NHO Canada Holding Inc.	08/25/2005

RECEIVING PARTY DATA

Name:	Deutsche Bank Trust Company Americas
Street Address:	60 Wall Street, 11th Floor
City:	New York
State/Country:	NEW YORK
Postal Code:	10005

PROPERTY NUMBERS Total: 16

Property Type	Number
Patent Number:	5840207
Patent Number:	5935487
Patent Number:	6616739
Patent Number:	4538921
Patent Number:	4743439
Patent Number:	4869882
Patent Number:	4738836
Patent Number:	5186526
Patent Number:	5123709
Patent Number:	4884925
Patent Number:	5190147
Patent Number:	5108153

PATENT

500053072

REEL: 016610 FRAME: 0550

CH \$640.00 5840207

Patent Number:	5269636
Patent Number:	5195851
Patent Number:	5263570
Patent Number:	5447394

#### CORRESPONDENCE DATA

Fax Number: (916)329-4900

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Correspondent Name: Christine Tognoli

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NAME OF SUBMITTER:

Christine Tognoli

#### Total Attachments: 6

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## **GRANT OF SECURITY INTEREST**

### **(PATENTS)**

THIS GRANT OF SECURITY INTEREST, dated as of August 25, 2005, is executed by the undersigned Grantors (the "Grantors"), in favor of DEUTSCHE BANK TRUST COMPANY AMERICAS, as the Administrative Agent (in such capacity, the "Administrative Agent") for the financial institutions which are from time to time parties to the Loan Agreement referred to in Recital A below (collectively, the "Lenders").

A. Pursuant to that certain Loan Agreement, dated as of even date herewith (as amended, supplemented or otherwise modified from time to time, the "Loan Agreement"), among General Chemical Industrial Products Inc., the Lenders and Administrative Agent, the Lenders have agreed to extend loans and other financial accommodations to the Grantor upon the terms and subject to the conditions set forth therein.

B. The Grantors owns the letters patent, and/or applications for letters patent, of the United States and certain foreign countries, more particularly described on Schedules 1-A and 1-B annexed hereto and made a part hereof (collectively, the "Patents").

C. The Grantors and other entities party thereto from time to time have entered into a Security Agreement (Intellectual Property) dated as of August 25, 2005 (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement") in favor of the Administrative Agent (for the ratable benefit of the Administrative Agent and the Lenders).

D. Pursuant to the Security Agreement, each Grantor has assigned and granted to the Administrative Agent (for the ratable benefit of the Administrative Agent and the Lenders) a security interest in all right, title and interest of such Grantor in and to the Patents, together with any reissue, continuation, continuation-in-part or extension thereof, and all proceeds thereof, including any and all causes of action which may exist by reason of infringement thereof (the "Collateral"), to secure the prompt payment, performance and observance of the Secured Obligations, as defined in the Security Agreement;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, each Grantor does hereby further assign, transfer and convey unto the Administrative Agent and grant to the Administrative Agent a security interest in the Collateral to secure the prompt payment, performance and observance of the Secured Obligations.

Each Grantor does hereby further acknowledge and affirm that the rights and remedies of the Administrative Agent with respect to the assignment of and security interest in the Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.


The Administrative Agent's address is:

Deutsche Bank Trust Company Americas


60 Wall Street, 11th Floor  
New York, New York 10005  
Attn: Keith C. Braun  
Tel: 212-250-6034  
Fax: 212-797-5695

IN WITNESS WHEREOF, the Grantor has caused this Grant of Security Interest to be executed as of the day and year first above written.


**GENERAL CHEMICAL INDUSTRIAL  
PRODUCTS INC.,**  
a Delaware corporation

By:   
Name: *H. Scott Ellis*  
Title: *Vice President, General Counsel & Secretary*


**GENERAL CHEMICAL INTERNATIONAL,  
INC.**

By:   
Name: *H. Scott Ellis*  
Title: *Vice President, General Counsel & Secretary*

**GENERAL CHEMICAL (SODA ASH) INC.**

By:   
Name: *H. Scott Ellis*  
Title: *Vice President, General Counsel & Secretary*

**NHO CANADA HOLDING INC.**

By:   
Name: *H. Scott Ellis*  
Title: *Vice President, General Counsel & Secretary*

SCHEDULE 1-A TO GRANT OF SECURITY INTEREST

PATENTS

See attached

SCHEDULE 1-B TO GRANT OF SECURITY INTEREST

PATENT APPLICATIONS

See attached

<u>PATENT</u>	<u>COUNTRY</u>	<u>PATENT NO.</u>	<u>DATE OF ISSUANCE</u>
Corrosion Inhibited Calcium Chloride Solids and Brine Solutions	USA	5,840,207	11/24/98
Corrosion inhibited calcium chloride Solids and brine solution	USA	5,935,487	8/10/99
Corrosion inhibited chloride salt Compositions	USA	6,616,739	9/9/03

Title	Country	Patent Number	Grant Date
APPARATUS AND METHOD FOR SLURRYING SODA ASH	USA	4,538,921	9/3/1985
WET CALCINATION OF ALKALI METAL BICARBONATES IN HYDROPHOBIC MEDIA	USA	4,743,439	5/10/1988
WET CALCINATION OF ALKALI METAL BICARBONATES IN HYDROPHOBIC MEDIA	CANA	1,220,926	4/28/1987
WET CALCINATION OF ALKALI METAL BICARBONATES IN HYDROPHOBIC MEDIA	GBRI	2,152,917	12/24/1987
RECOVERY OF SODIUM CARBONATE VALUES FROM CONTAMINATED DILUTE SODA ASH STREAMS	USA	4,869,882	9/26/1989
PREPARATION OF HIGH BULK DENSITY ANHYDROUS SODIUM CARBONATE	USA	4,738,836	4/19/1988
APPARATUS AND METHOD FOR TRANSFER AND SLURRYING OR DISSOLVING HYDRATABLE DRY BULK CHEMICALS	USA	4,884,925	12/5/1989
APPARATUS AND METHOD FOR TRANSFER AND SLURRYING OR DISSOLVING HYDRATABLE DRY BULK CHEMICALS	ASTL	606835	11/19/1990
APPARATUS AND METHOD FOR TRANSFER AND SLURRYING OR DISSOLVING HYDRATABLE DRY BULK CHEMICALS	BELG	319349	12/23/1992
APPARATUS AND METHOD FOR TRANSFER AND SLURRYING OR DISSOLVING HYDRATABLE DRY BULK CHEMICALS	CANA	1,306,099	8/11/1992
APPARATUS AND METHOD FOR TRANSFER AND SLURRYING OR DISSOLVING HYDRATABLE DRY BULK CHEMICALS	EPC	319349	12/23/1992
APPARATUS AND METHOD FOR TRANSFER AND SLURRYING OR DISSOLVING HYDRATABLE DRY BULK CHEMICALS	FRAN	319349	12/23/1992
APPARATUS AND METHOD FOR TRANSFER AND SLURRYING OR DISSOLVING HYDRATABLE DRY BULK CHEMICALS	GERW	P3876958.1-0	12/23/1992
APPARATUS AND METHOD FOR TRANSFER AND SLURRYING OR DISSOLVING HYDRATABLE DRY BULK CHEMICALS	JAPA		
APPARATUS AND METHOD FOR TRANSFER AND SLURRYING OR DISSOLVING HYDRATABLE DRY BULK CHEMICALS	NEWZ	227180	12/2/1988
APPARATUS AND METHOD FOR TRANSFER AND SLURRYING OR DISSOLVING HYDRATABLE DRY BULK CHEMICALS	NORW		
APPARATUS AND METHOD FOR TRANSFER AND SLURRYING OR DISSOLVING HYDRATABLE DRY BULK CHEMICALS	SWED	319349	12/23/1992
ONE-PIECE CRAWLER PAD	USA	5,186,526	2/15/1993
Hydraulic Aligner Dev for Flex Contin. Tram Mining Machine	USA	5,123,709	6/23/1992
TENSIONING CAR FOR FLEXIBLE CONTINUOUS TRAM	USA	5,190,147	3/2/1993
ELEVATED ROADWAY FOR CONTINUOUS HAULAGE UNIT	USA	5,108,153	4/28/1992
APPARATUS AND METHOD FOR TRANSFERRING DRY BULK MATERIALS HAVING AN IMPROVED UNLOADING PAN	USA	5,269,636	12/14/1993
APPARATUS AND METHOD FOR TRANSFERRING DRY BULK MATERIALS HAVING AN IMPROVED UNLOADING ADAPTER	USA	5,195,851	3/23/1993
CONVEYOR BELT EMERGENCY STOP INDICATOR LIGHT SYSTEM	USA	5,263,570	11/23/1993
Automatic Flushing Apparatus	ASTL	674,990	7/24/1997
Automatic Flushing Apparatus for a Hydrator	BELG	708734	9/28/1998
AUTOMATIC FLUSHING APPARATUS FOR A HYDRATOR	CANA		
AUTOMATIC FLUSHING APPARATUS FOR A HYDRATOR	FRAN	EP 0708734	9/23/1998
Automatic Flushing Apparatus for a Hydrator	GBRI	708734	9/23/1998
Automatic Flushing Apparatus for a Hydrator	GERM	69413541.0-08	9/23/1998
Automatic Flushing Apparatus for a Hydrator	SWED	708734	9/23/1998
AUTOMATIC FLUSHING APPARATUS FOR A HYDRATOR	USA	5,447,394	9/5/1995