

# *State of the art*

patent news archive Q4/2001

**US6292315B1: Gem identification viewer**

Applicant: GIA

Publication: 18/09/2001

Filed: 28/07/1999

Contents: handheld viewer for treated/synthetic detection

Granted

**WO01/72404A1: High temperature/high pressure colour change of diamond**

Applicant: De Beers

Publication: 4/10/2001

Priority: 31/03/2000

Contents: changing diamond colour to pink

Application

**WO01/72405A1: High temperature/high pressure colour change of diamond**

Applicant: De Beers

Publication: 4/10/2001

Priority: 31/03/2000

Contents: changing diamond colour to blue

Application

**WO01/72406A1: High temperature/high pressure colour change of diamond**

Applicant: De Beers

Publication: 4/10/2001

Priority: 31/03/2000

Contents: changing diamond colour to colourless

Application

**US20010031237A1: High pressure/high temperature production of colorless and fancy colored diamonds.**

Applicant: none

Publication: 18/10/2001

Filed: 28/09/1998

Contents: Changing diamond color to colorless, fancy colors (yellow, pink, ...)

Application.

Remarks: No mentioning of "General Electric" in the document. Although it is from GE inventors. So it is clearly the GE-POL treating patent.

**US6304853B1: Automated gemstone evaluation system.**

Applicant: none

Publication: 16/10/2001

Filed: 21/09/1998

Contents: Price retrieval system based on gem characteristics (4C's)

Granted.

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**US20010035027A1: Jewelry setting with faceted cavity**

Applicant: none

Publication: 01/11/2001

Filed: 25/06/2001

Contents: holding stone with prongs and faceted cavity for the culet  
Application.

**US20010032831A1: Laser marking system and method**

Applicant: none

Publication: 25/10/2001

Filed: 16/02/2001

Contents: diamond marking with laser  
Application.

**US6308891: Jewelry identification**

Applicant: T.I.D. (The Identifying Diamond) Inc., New York, NY

Publication: 30/10/2001

Filed: 5/05/1999

Contents: detectable identification data formed, disposed in a recess.  
Granted.

**US6298689: Jewelry setting**

Applicant: Gramercy Jewelry Manufacturing Corp., New York, NY

Publication: 09/10/2001

Filed: 21/08/2000

Contents: multi stone setting  
Granted.

**EP0848918B1: Jewel provided with a removable element**

Applicant: Ehinger-Schwarz GmbH & Co. KG

Publication: 31/10/2001

Filed: 19/12/1997

Granted.

**JP2001201454A2: SYSTEM FOR TRANSACTION OF HIGH-COST GEMSTONE**

Applicant: DIAMOND & JEWELRY-4-U LTD

Publication: 27/07/2001

Filed: 30/10/2000

**EP1013190B1: Cut cornered square mixed-cut gemstone**

Applicant: Tiffany and Company

Publication: 07/11/2001

Filed: 11/08/1999

Contents: Cut cornered square mixed-cut gemstone with crown break facets  
Granted.

**JP2001204519A2: CUT DESIGN OF DIAMOND AND ORNAMENT AND METHOD FOR DETERMINING CUTTING ANGLE**

Applicant: HOHOEMI BRAINS INC

Publication: 31/07/2001

Filed: 27/01/2000

Contents: Brilliant cut with optimised angles for blue and purple fire  
Application.

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**WO0148463A1: A METHOD AND SYSTEM FOR REPRESENTING GEMSTONES OR THE LIKE**

Applicant: CRYSTAL BEAM MELODY, INC.,  
Publication: 05/07/2001  
Filed: 19/12/2000  
Priority: 23/12/1999  
Contents: gemprint idea from Tolkowsky people  
Application.

**WO0191011A1: SYSTEM AND METHOD FOR APPRAISING AND DESCRIBING JEWELRY AND OTHER VALUABLE ITEMS**

Applicant: HENDRY, David, W., Jr.  
Publication: 29/11/2001  
Filed: 23/05/2001  
Priority: 23/05/2000  
Application.

**WO0114854A1: VIEWER FOR GEMSTONES**

Applicant: SCHOECKERT, Kurt  
Publication: 01/03/2001  
Filed: 25/08/2000  
Priority: 25/08/1999  
Application.

**US6324868: Customizable pendant**

Applicant: PAJ, Inc.  
Publication: 04/12/2001  
Filed: 02/11/1999  
Granted.

**US6318121: Jewelry apparatus**

Applicant: Fantasy Diamond Corp.  
Publication: 20/11/2001  
Filed: 13/08/1999  
Contents: Anchor gemstone and a touch gemstone that is held in place with no metal from the setting visible between the gemstones.  
Granted.

**US6331708: Examining a diamond**

Applicant: Gersan Establishment  
Publication: 18/12/2001  
Filed: 19/01/2001  
Priority: 24/07/1995  
Contents: synthetic layer detection from De Beers  
Granted.

**US6322891: Thermally-diffused boron diamond and its production**

Applicant: General Electric Company, Pittsfield, MA  
Publication: 27/11/2001  
Filed: 28/04/2001  
Priority: 28/04/2000  
Contents: diffusing boron into diamond to make it oxidation resistant  
Granted.

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**RANDOM PATENT NEWS:**

**US6265884: Electrical conductivity gem tester**

Applicant: Ceres Corporation, Niagara Falls, NY  
Publication: 24/07/2001  
Filed: 12/05/1999  
Priority: 12/05/1999  
Contents: moissanite tester  
Granted.

**IL0126809A0: AN APPARATUS AND METHOD OF EXAMINING THE SHAPE OF GEMSTONES**

Applicant: SARIN TECHNOLOGIES LTD.  
Publication: 17/08/1999  
Filed: 29/10/1998  
Priority: 29/10/1998  
Contents: Sarin machine  
Granted.

**USD373551: Faceted gemstone**

Applicant: Unigem International, Beverly Hills, CA  
Publication: 10/09/1996  
Filed: 24/11/1995  
Contents: Heart shape cut  
Granted.

**USD411133: Hexagon shaped diamond**

Applicant: none  
Publication: 22/06/1999  
Filed: 01/09/1998  
Contents:  
Granted.

**USD445718: Diamond cut**

Applicant: Tycoon Jewelry, Inc., Los Angeles, CA  
Publication: 31/07/2001  
Filed: 11/02/2000  
Contents: rectangular cut  
Granted.

**USD403979: Gemstone**

Applicant: none  
Publication: 12/01/1999  
Filed: 25/11/1997  
Contents: design registration of US6006548 idea  
Granted.

**US6006548: Facet cut structure for gemstones to enhance brilliance**

Applicant: M. Fabrikant & Sons, Ltd., New York, NY  
Publication: 28/12/1999  
Filed: 08/06/1998  
Contents: enhancing brilliance by replacing the flat table with faceted dome for round, oval, pear, ...  
Granted.

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**WO0169451A1: SECURE TRACKING OF ARTICLES**

Applicant: ROBOTIC VISION SYSTEMS, INC.

Publication: 20/09/2001

Filed: 13/03/2001

Priority: 13/03/2000

Contents: also applicable to jewelry

Application.

**WO0193156A1: SYSTEM AND METHOD FOR DESIGNING CUSTOM JEWELRY**

Applicant: POLLACK, Steven, Bradley

Publication: 06/12/2001

Filed: 18/05/2001

Priority: 26/05/2000

Contents: Three dimensional image of jewel and gem constructed from user specification

Application.

**USD444096S: Gemstone**

Applicant: Rapaport; Martin

Publication: 26/06/2001

Filed: 02/06/2000

Contents: Brilliant derivative

Granted.

**WO0196633A1: SINGLE CRYSTAL DIAMOND PREPARED BY CVD**

Applicant: DE BEERS INDUSTRIAL DIAMONDS (PROPRIETARY) LIMITED

Publication: 20/12/2001

Filed: 14/06/2001

Priority: 15/06/2000

Contents: no mentioning of gem

Application.

**WO0196634A1: THICK SINGLE CRYSTAL DIAMOND LAYER METHOD FOR MAKING IT AND GEMSTONES PRODUCED FROM THE LAYER**

Applicant: DE BEERS INDUSTRIAL DIAMONDS (PROPRIETARY) LIMITED

Publication: 20/12/2001

Filed: 14/06/2001

Priority: 15/06/2000

Contents: Homoepitaxial diamond growth. Layer thickness greater than 3mm

Application.