

# INTELGENX TECHNOLOGIES CORP.

## FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 8/17/2007 For Period Ending 8/9/2007

Address	6425 ABRAMS VILLE SAINT LAURENT, H4S 1X9
Telephone	514-331-7440
CIK	0001098880
Fiscal Year	12/31

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# FORM 4

[ ] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**UNITED STATES SECURITIES AND EXCHANGE  
COMMISSION  
Washington, D.C. 20549**

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP  
OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public  
Utility Holding Company Act of 1935 or Section 30(f) of the  
Investment Company Act of 1940

1. Name and Address of Reporting Person *			2. Issuer Name and Ticker or Trading Symbol			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
<b>COHEN JOEL CHARLES</b>			<b>IntelGenx Technologies Corp.</b>			<input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (MM/DD/YYYY)			<input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		
<b>2800 COTE VERTU, #106</b>			<b>8/9/2007</b>					
(Street)			4. If Amendment, Date Original Filed (MM/DD/YYYY)			6. Individual or Joint/Group Filing (Check Applicable Line)		
<b>MONTREAL, A8 H4R 2M5</b>						<input checked="" type="checkbox"/> Form filed by One Reporting Person		
(City) (State) (Zip)						<input type="checkbox"/> Form filed by More than One Reporting Person		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock (\$0.00001 par value)								1571713	I	See Footnote (1)

**Table II - Derivative Securities Beneficially Owned ( e.g. , puts, calls, warrants, options, convertible securities)**

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Option - Right to buy	\$1.15	8/9/2007		A		25000		8/9/2007	8/9/2017	Common Stock	25000	(2)	275000	D	

**Explanation of Responses:**

- (1) The issuer acquired a subsidiary, IntelGenx Corp., in April of 2006. As part of this Acquisition, Joel Cohen became CFO and Director of the Issuer and acquired 1,571,713 exchangeable shares of the Company's Canadian subsidiary, 6544631 Canada Inc. These 1,571,713 shares are exchangeable, on a one for one basis, into shares of common stock of the Issuer at Joel Cohen's discretion. Prior to exchanging the exchangeable shares for shares of the issuer, Joel Cohen has the right to vote 1,571,713 shares of the Issuer. It is because of these vote rights, which indicate control over the shares, that these shares are included on this Form 3. The 1,571,713 shares of the Issuer have not been registered for resale at this time. The acquisition and the terms under which the exchangeable shares were issued are more completely described in the Issuer's Report on the SB2 filed on July 3, 2006.
- (2) Mr. Cohen was granted 25,000 options under the 2006 stock option plan.

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
COHEN JOEL CHARLES				

<b>2800 COTE VERTU, #106 MONTREAL, A8 H4R 2M5</b>	<b>X</b>			
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**Signatures**

/s/ Joel Cohen

8/17/2007

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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