

INTELGEX TECHNOLOGIES CORP.

FORM 3

(Initial Statement of Beneficial Ownership)

Filed 8/22/2007 For Period Ending 8/9/2007

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FORM 3

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

OMB APPROVAL
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INITIAL STATEMENT OF 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(h) of the
Investment Company Act of 1940

1. Name and Address of Reporting Person *			2. Date of Event Requiring Statement (MM/DD/YYYY)		3. Issuer Name and Ticker or Trading Symbol		
Di Iorio Gino			8/9/2007		IntelGenx Technologies Corp. [IGXT]		
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
372 DE MARLY			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Chief Financial Officer /				
(Street)			5. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)		
LAVAL, A8 H7K 3S8					<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(City)	(State)	(Zip)					

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)

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

1. Title of Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Options to purchase common stock	2/9/2008	8/9/2017	Common Stock	18750	\$1.15	D	
Options Right to buy	8/9/2008	8/9/2017	Common Stock	18750	\$1.15	D	
Options Right to buy	2/9/2009	8/9/2017	Common Stock	18750	\$1.15	D	
Options Right to buy	8/9/2009	8/9/2017	Common Stock	18750	\$1.15	D	

Explanation of Responses:

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Di Iorio Gino 372 DE MARLY LAVAL, A8 H7K 3S8			Chief Financial Officer	

Signatures

/s/ Gino Di Iorio

8/22/2007

** 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 5(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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