REC 08-	31-2001 SHEET	
	18,30133hed original documents or copy thereof.	
 Name of conveying party(ies) NZ Applied Technologies Corporation 	2. Name and address of receiving party(ies)	
NZ Appried Technologies Corporation	Name: Corning Applied Technologies Corporation	
04/29/61	Internal Address:	
dditional name(s) of conveying party(ies) attached? [] Yes [X] No		
. Nature of conveyance:	Street Address: 14 A Gill Street	
] Assignment [X] Merger		
] Security Agreement [] Change of Name	City: Woburn State: MA ZIP: 01801	
] Other		
Execution Date: May 5, 2000	Additional name(s) & address(es) attached? [] Yes [X] No	
Application number(s) or patent number(s):		
If this document is being filed together with a new application		
A. Patent Application No.(s)	B. Patent No.(s)	
60/081,011	5,903,348	
09/546,058 09/288,439	6,084,667 6,137,619	
	umbers attached? [X] Yes [] No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: [23]	
concerning document should be mailed:		
Name: David J. Thibodeau, Jr.		
	- 7. Total Fee (37 C.F.R. 3.41) \$ 920.00	
nternal Address:	[X] Enclosed	
nternal Address:		
	[X] Enclosed [X] Authorized to charge any deficiencies or credit any	
	[X] Enclosed [X] Authorized to charge any deficiencies or credit any overpayment to deposit account	
Hamilton, Brook, Smith & Reynolds, P.C.	 [X] Enclosed [X] Authorized to charge any deficiencies or credit any overpayment to deposit account [] Authorized to be charged to deposit account 	
Hamilton, Brook, Smith & Reynolds, P.C.	[X] Enclosed [X] Authorized to charge any deficiencies or credit any overpayment to deposit account [] Authorized to be charged to deposit account 8. Deposit account number:	
Hamilton, Brook, Smith & Reynolds, P.C. Street Address: Two Militia Drive City: Lexington State: MA ZIP: 02421-4799	[X] Enclosed [X] Authorized to charge any deficiencies or credit any overpayment to deposit account [] Authorized to be charged to deposit account 8. Deposit account number: 08-0380 (Attach duplicate copy of this page if paying by deposit account)	
Hamilton, Brook, Smith & Reynolds, P.C. Street Address: Two Militia Drive City: Lexington State: MA ZIP: 02421-4799 2001: 1083 (4000000	[X] Enclosed [X] Authorized to charge any deficiencies or credit any overpayment to deposit account [] Authorized to be charged to deposit account 8. Deposit account number: 08-0380 (Attach duplicate copy of this page if paying by deposit account)	
Hamilton, Brook, Smith & Reynolds, P.C. Street Address: Two Militia Drive City: Lexington State: MA ZIP: 02421-4799 2001: 21083.0 (4000049-500410) DO No 2001: 21093.0 (400049-604010) (40049-6040	[X] Enclosed [X] Authorized to charge any deficiencies or credit any overpayment to deposit account [] Authorized to be charged to deposit account 8. Deposit account number: 08-0380 (Attach duplicate copy of this page if paying by deposit account)	
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Hamilton, Brook, Smith & Reynolds, P.C. Street Address: Two Militia Drive City: Lexington State: MA ZIP: 02421-4799 City: Lexington State: MA ZIP: 00 City: Lexington State: </td <td>[X] Enclosed [X] Authorized to charge any deficiencies or credit any overpayment to deposit account [] Authorized to be charged to deposit account [] Authorized to be charged to deposit account 8. Deposit account number: 08-0380 (Attach duplicate copy of this page if paying by deposit account) NOT USE THIS SPACE mation is true and correct and any attached copy is a true copy of the original of the oright of the original of the original of the original of the origh</td>	[X] Enclosed [X] Authorized to charge any deficiencies or credit any overpayment to deposit account [] Authorized to be charged to deposit account [] Authorized to be charged to deposit account 8. Deposit account number: 08-0380 (Attach duplicate copy of this page if paying by deposit account) NOT USE THIS SPACE mation is true and correct and any attached copy is a true copy of the original of the oright of the original of the original of the original of the origh	

Patent Application Nos. (continued)	Patent Nos. (continued)
09/695,538	6,211,993
08/964,520	6,165,667
08/859,432	6,229,934
09/207,548	6,239,900
09/798,136	6,060,433
09/503,274	
09/295,423	
09/362,209	
09/362,208	
60/166,380	
09/715,867	
09/457,430	

-2-

THE COMMONWEALTH OF MASSACHUSETTS 🕐 este selected in the **ARTICLES OF *CONSOLIDATION / *MERGER** (General Laws, Chapter 156B, Section 78) 1 I hereby approve the within Articles of *Consolidation / *Merger and, the sling fee in the amount of \$ 250 _____, having been paid, 1263 said articles are decaned to have been filed with me this _____ . 2000 day of Manual S. · · · Effective date $\langle \hat{\eta} \hat{x}^{2} \hat{x}^{2} \rangle$ DREDNATION DIVISION WILLIAM FRANCIS GALVIN $(i,j) \in \{i,j\}$ Secretary of the Commonwealth A TRUE COPY ATTEST Aple Juan WILLIAM FRANCIS GALVIN in the second second A Constant of the second SECRETARY OF/THE COMMONWEALTH DATE _2 O ÉLERK Martin and I service mille in TO BE FILLED IN BY CORPORATION Photocopy of document to be sent to: Natalie A. West Corporate Paralegal Nixon Paabody LLP 101 Federal Street Boston, MA 02110-1832 Telephone: ______(617) 345-1000

The Commonwealth of Massachusetts

NO. 04-3172386

FEDERAL IDENTIFICATION

William Francis Galvin Secretary of the Commonwealth One Ashburton Place, Boston, Massachusetts 02108-1512

ARTICLES OF MOMODIFICATION / *MERGER

(General Laws, Chapter 156B, Section 78)

COCOCOCOCOCOCO *merger of

NZ Applied Technologies Corporation (S)

FEDERA

and

Corning Applied Technologies Corporation

the constituent corporations, into

NZ Applied Technologies Corporation

ware constituent corporations.

The undersigned officers of each of the constituent corporations certify under the penalties of perjury as follows:

1. An agreement of **2000000000000** 'merger has been duly adopted in compliance with the requirements of General Laws, Chapter 1568, Section 78, and will be kept as provided by Subsection (d) thereof. The **20000000** 'sorviving corporation will furnish a copy of said agreement to any of its stockholders, or to any person who was a stockholder of any constituent corporation, upon written request and without charge.

3. (For a merger)

C P M R.A

P.C.

"The following amendments to the Articles of Organization of the surviving corporation have been effected pursuant to the agreement of merger:

The Articles of Organization of the surviving corporation shall be amended into the form of Articles of Organization of Corning Applied Technologies Corporation.

*Delete the inapplicable word. **If there are no provisions state "None". Note: If the space provided under any article or item on this form is insufficient, additions shall be set forth on separate 8 1/2 x 11 sheets of paper with a left margin of at least 1 inch. Additions to more than one article may be made on a stark sheet as long as each article requiring each addition is clearly indicated.

REEL: 012110 FRAME: 0565

stulling corporation is to engage in the following business activities:

mber of shares and the par value, if any, of each class of stock which the resulting corporation is

and the walle	WITH PAR VALUE		
NUMBER OF SHARES	TYPE	NUMBER OF SHARES	PAR VALUE
	Common:	100,000	\$.01
	Preferred:	un geben er skrige sign dyn die Stern is den de skrige in die de skrige in die skrige in die sterne in die skri	

some class of stock is suthorized, state a distinguishing designation for each class and provide a description as welling provides, qualifications, and special or relative rights or privileges of each class and of each series

N/A

"(d) The restrictions, if any, on the transfer of stock contained in the agreement of consolidation are:

None

**(c) Other lawful provisions, if any, for the conduct and regulation of the business and affairs of the corporation, for its voluntary dissolution, or for limiting, defining, or regulating the powers of the corporation, or of its directors or stockholders, or of any class of stockholders:

None

The are no provisions state "None"

umonwealth of Massachusetts

William Francis Galvin Secretary of the Commonweakh One Ashburton Place, Boston, Massachusetts 02106-1512

ARTICLES OF ORGANIZATION

(General Laws, Chapter 156B)

ANTICLE

The exact name of the corporation is

Corning Appared Technologies Corporation 11.

ABAR BU

se of the corporation is to canadar in the following business activities:

moduce, and usuafacture opto-electronic materials of the opto-electronic component devices of any kind TH.G.L. Ch. 156B may engage.

00110078

Side forth space proceed under one or on or on the form is insufficient, additions shall be set forth on any ride only of separate #1.2 x.11 shees a parter with a left margin of at least 3 such. Additions to more than one article may be made on a single sheet so long as soul attache equiting each addition is clearly fade atea

C p М 8.7

APTICLE III

the state where, if any, of each class of stock which the corporation is authorized to move

	WITH PAR VALUE			
- 11 - 10 - 10 - 10 - 10 - 10 - 10 - 10	Туре	NUMBER OF SHARES	PAR VALUE	
	Common	100,000	\$.01	
	Preferred:			

ABTICLERY

in the state a distinguishing designation for each class. Prior to the issuance of any in contrast, outside line, the class distinguishing must provide a description of the preferences.

N/A

ARTICLE V

Artentions, if my, impressive Arsider of Organization up on the transfer of stores of stores of any class are

none

ARTICLE VI

"Coher involution of any fact the condensate inequisition of the basiness and affairs of the corporation, for her descention, for her descention, or for binding, defining, or regulating the powers of the corporation, or of its directors or stockholders, effective, elass of stockholders

(see interiod page 6A)

алан улан калан калан кийи. Ила Франкейийн улан сайталан сайталан алан калан калан калан сайталан сайтарий барбас орусал и Фаликийн уну Фали

NALINARY SHARMAN AND A

1000 X 1100 Y

Corporation

р. 6A

disactors may make, amend or repeal the By-Laws in whole or in part. except the any provision thereof which by law or the By-Laws requires action by the

(b) Mostings of the stockholders may be held anywhere in the United States.

The corporation may be a partner or member in any business enterprise it would be the complete by itself.

the shall have the power to fix from time to time their compensation. No indicate the power to fix from time to time their compensation. No indicate the power to fix from time to time their compensation. No indicate the power to fix from time to time their compensation. No indicate the power to fix from time to time their compensation. No indicate the power to fix from time to time their compensation. No indicate the power to fix from time to time their compensation. No indicate the power to fix from time to time their compensation. No indicate the power to fix from time to time their compensation. No indicate the power to fix from time to time their compensation. No indicate the power to fix from time to time their compensation. No indicate the power to fix from time to time their compensation individually, or any indicate the power to fix from time to time their compensation individually, or any indicate the power to the power to fix from time to time to time the power to the set of the power to the set of the power to the powe

(1) such any maximum transaction or act shall not be in any way invalidated or otherwise allocated in the fact;

(2) no such director, officer or stockholder shall be liable to account to this corporation for any profit or benefit realized through any such contract, transaction or act, and

(3) any such director of this corporation may be counted in determining the existences of a quorum at any meeting of the directors or of any committee thereof which shall authorize any such contract, transaction or act, and may vote to authorize the shall authorize the shall authorize any such contract, transaction or act, and may vote to authorize the shall authorize the shall authorize any such contract.

For the purpose of this paragraph (d), the term "interest" shall mean personal interest and interest as a director, officer, stockholder, shareholder, employee, training, member or beneficiary of any concern; and the term "concern" shall mean any opportion, association, trust, partnership, firm, person or other entity other than this corporation.

(c) To the fullest extent permitted by the Massachusetts Business Corporation Law, M.G.L. Ch. 156B, as the same exists or may hereafter be amended, a director of this corporation shall not be liable to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director.

INCOMPARING

it contained in Item 4 is not a permanent part of the Articles of Organization of the "resulting / "surviving

An entry of the **Constant** of

(a) The makes residential address, and post office address of each director and officer of the "DBBBBBBBCK "surviving corporation is:

NAME	RESIDENTIAL ADDRESS	POST OFFICE ADDRESS
ent: Gerald T. Fine	188 Cedar Street Corning, NY 14830	Same
ner: Mark S. Rogus	85 E. Fourth Street Corning, NY 14830	Same
William L. Juan	12 Churchill Place Big Flats, NY 14814	Same
ors: Jean-Louis Malinze	162 Beartown Road Painted Post, NY 14870	Same
William D. Eggers	29 Timber Lane Painted Post, NY 14870	Same
James D. Flaws	138 West Hill Terrace Painted Post, NY 14870	Same
A. John Peck, Jr.	72 Catherine Street Corning, NY 14830	Same

(c) The flical year (i.e. tax year) of the "SESSINGY" surviving corporation shall end on the last day of the month of: December 31st

(d) The many and business address of the resident agent, if any, of the 200000000 / *surviving corporation is: OT Conservation System

101 Federal Street, 3rd Floor Boston, MA 02110

The undersigned officers of the several constituent corporations listed above further state under the penalties of perjury as to their respective corporations that the agreement of "MORPORTSX" merger has been duly executed on behalf of such corporation and duly approved by the stockholders of such corporation in the manner required by General Laws, Chapter 156B, Section 78.

President / W + FRock Cierk / NZ Applied Technologies Corporation (Name of constituent corporation)

, *Cierk / *Assista

President / "Vice President

とないであたかであるという

Corning Applied Technologies Corporation

(Name of constituent corporation)

*Delete the inapplicable words.

Directo



RECORDED: 08/29/2001