

TOWER SEMICONDUCTOR LTD  
Form 20-F/A  
November 17, 2014

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

FORM 20-F/A  
(Amendment No. 1)

£ REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) OR  
(g) OF THE SECURITIES EXCHANGE ACT OF 1934

Or

S ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2013

Or

£ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934

£ SHELL COMPANY REPORT PURSUANT TO SECTION 13 OR 15(d) OF  
THE SECURITIES EXCHANGE ACT OF 1934

Date of event requiring this shell company report.....

For the transition period from to

Commission File No.

TOWER SEMICONDUCTOR LTD.  
(Exact name of Registrant as specified in its charter)

N/A  
(Translation of Registrant's  
name into English)

ISRAEL  
(Jurisdiction of incorporation  
or organization)

Ramat Gavriel Industrial Park, P.O. Box 619, Migdal Haemek 23105, Israel  
(Address of principal executive offices)

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Nati Somekh, +972 4-650-6109, natiso@towersemi.com;  
Ramat Gavriel Industrial Park, P.O. Box 619, Migdal Haemek 23105, Israel  
(Name, Telephone, E-mail and/or Facsimile number and Address of Company Contact Person)

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Securities registered or to be registered pursuant to Section 12(b) of the Act:

| Title of Each Class  | Name of Each Exchange on which Registered |
|--|---|
| Ordinary Shares, par value New Israeli Shekels 15.00 per share | NASDAQ Global Select Market               |

Securities registered or to be registered pursuant to Section 12(g) of the Act:

None

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act:

None

Indicate the number of outstanding shares of each of the issuer's classes of capital or common stock as of the close of the period covered by the annual report: 47,869,150

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

Yes  No

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Exchange Act.

Yes  No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Exchange Act during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (section 229.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer or a non-accelerated filer. See definition of "accelerated filer" and "large accelerated filer" in Rule 12b-2 of the Exchange Act

Large accelerated filer  Accelerated filer  Non-accelerated filer

Indicate by check mark which basis of accounting the registrant has used to prepare the financial statements included in this filing

|                                   |  |                                |
|-----------------------------------|--|--------------------------------|
| U.S GAAP <input type="checkbox"/> | International Financial Reporting Standards as issued by the International Accounting Standards Board <input type="checkbox"/> | Other <input type="checkbox"/> |
|-----------------------------------|--|--------------------------------|

If "Other" has been checked in response to the previous question, indicate by check mark which financial statement item the registrant has elected to follow.

Item 17       Item 18

If this is an annual report, indicate by check mark whether the registrant is a shell company.

Yes       No

Explanatory Note

This Amendment No. 1 (this "Amendment") to our annual report on Form 20-F for the fiscal year ended December 31, 2013 (the "Form 20-F"), filed on May 14, 2014 (the "Original Filing Date"), is being filed solely to replace Exhibits 4.63, 4.64, 4.65 and 4.66 with the attached Exhibits 4.63, 4.64, 4.65 and 4.66 (the "Exhibits") to reflect additions of previously omitted portions of such exhibits in connection with our request for confidential treatment of portions of such exhibits. These additions were made in response to comments that we received from the Securities and Exchange Commission regarding our confidential treatment request.

Except for the revised Exhibits, this Amendment does not amend any other information set forth in the Form 20-F. This Amendment speaks as of the Original Filing Date, does not reflect any events that may have occurred subsequent to the Original Filing Date, and does not modify or update in any way any disclosures made in the Form 20-F.

ITEM 19. EXHIBITS

- 1.1 Articles of Association of the Registrant, approved by shareholders on November 14, 2000, as amended (incorporated by reference to Exhibit 3.1 of the Registrant's Registration Statement on Form F-1, File No. 333-126909, "Form F-1 No. 333-126909").
- 1.2 Amendment to Articles of Association of the Registrant (incorporated by reference to exhibit 4.2 to the Registration Statement on Form S-8 No. 333-117565 ("Form S-8 No. 333-117565").
- 1.3 Amendment to the Articles of Association of the Registrant (approved by shareholders on September 28, 2006) (incorporated by reference to Exhibit 4.2 of the Registrant's Registration Statement on Form S-8, File No. 333-138837 (the "2006 Form S-8").
- 1.4 Amendment to Articles of Association of Registrant (approved by shareholders on September 24, 2008) (incorporated by reference to Exhibit 3.4 of the Registrant's Registration Statement on Form S-8, File No. 333-153710 (the "2008 Form S-8").
- 1.5 Amendment to Articles of Association of Registrant (approved by shareholders on August 11, 2011) (incorporated by reference to exhibit 99.1 of the Form 6-K furnished to the SEC on January 17, 2012).
- 1.6 Amendment to Articles of Association of Registrant (approved by shareholders on August 2, 2012) (incorporated by reference to proposals 1 and 2 of the proxy statement filed on Form 6-K furnished to the SEC on June 12, 2012, and the Form 6-k furnished to the SEC on August 2, 2012).
- 1.7 Amendment to Articles of Association of Registrant (approved by shareholders on May 23, 2013) (incorporated by reference to Proposal 5 of the proxy statement filed on Form 6-K furnished to the SEC on April 16, 2013).
- 2.1 Registration Rights Agreement, dated January 18, 2001, by and between SanDisk Corporation, Israel Corporation, Alliance Semiconductor Ltd. and Macronix International Co., Ltd. (incorporated by reference to exhibit 2.2 to the 2000 Form 20-F).
- 4.1 Form of Grant Letter for Non-Employee Directors Share Option Plan 2001/4 (incorporated by reference to exhibit 4.9 to the Form S-8 No. 333-83204).
- 4.2 Investment Center Agreement related to Fab 1, dated November 13, 2001 (English translation of Hebrew original) (incorporated by reference to exhibit 10.2 to the Registrant's Registration Statement on Form F-2, No. 333-97043).
- 4.3 Employee Share Option Plan 2004 (incorporated by reference to Exhibit 4.3 to the Registrant's Registration Statement on Form S-8 No. 333-117565 ("Form S-8 No. 333-117565").

- 4.4 Form of Grant Letter to Israeli Employees (incorporated by reference to Exhibit 4.4 to Form S-8 No. 333-117565).
- 4.5 Form of Grant Letter to US Employees (incorporated by reference to Exhibit 4.5 to Form S-8 No. 333-117565).
- 4.6 Employee Share Option Plan 2005, as amended (incorporated by reference to Exhibit 4.1 of the 2008 Form S-8).
- 4.7 Form of Grant Letter to Israeli Employees (incorporated by reference to Exhibit 4.4 of the 2006 Form S-8).
- 4.8 Form of Grant Letter to US Employees (incorporated by reference to Exhibit 4.5 of the 2006 Form S-8).
- 4.9 Form of Grant Letter for grants to Jazz employees under the Employee Share Option Plan 2005 (incorporated by reference to Exhibit 4.4 of the 2008 Form S-8).
- 4.10 Jazz Technologies, Inc. 2006 Equity Incentive (incorporated by reference to Exhibit 4.5 of the 2008 Form S-8).
- 4.11 Form of Assumption Letter from the Registrant to holders of Jazz Technologies, Inc. 2006 Equity Incentive Plan options (incorporated by reference to Exhibit 4.6 of the 2008 Form S-8).
- 4.12 Form of Option Agreement under the Jazz Technologies, Inc. 2006 Equity Incentive Plan (incorporated by reference to Exhibit 4.7 of the 2008 Form S-8).
- 4.13 CEO Share Option Plan 2005 (incorporated by reference to Exhibit 4.6 of the 2006 Form S-8).
- 4.14 Option Grant Letter Agreement - CEO Share Option Plan 2005 from the Registrant to our CEO, dated July 15, 2005 (incorporated by reference to Exhibit 4.7 of the 2006 Form S-8).
- 4.15 Option Grant Letter Agreement - CEO Share Option Plan 2005 from the Registrant to our CEO, dated September 28, 2006 (incorporated by reference to Exhibit 4.8 of the 2006 Form S-8).
- 4.16 Option Grant Letter Agreement - CEO Share Option Plan 2005 from Tower Semiconductor USA, Inc. to our CEO, dated July 15, 2005 (incorporated by reference to Exhibit 4.9 of the 2006 Form S-8).
- 4.17 Equity Convertible Capital Note, dated September 28, 2006, issued to Israel Corporation Ltd. (incorporated by reference to Exhibit 99.4 of the Form 6-K for the month of November 2006 No. 6 filed on November 7, 2006 (the "November 2006 Form 6-K"))).
- 4.18 2009 Chairman Share Incentive Plan (incorporated by reference to Exhibit 4.20 to the 2010 20-F).

- 4.19 Registration Rights Agreement, dated September 28, 2006, with Israel Corporation Ltd. (incorporated by reference to Exhibit 99.5 of the November 2006 Form 6-K).
- 4.20 Conversion Agreement, dated September 28, 2006, with Bank Hapoalim B.M. (incorporated by reference to Exhibit 99.8 of the November 2006 Form 6-K).
- 4.21 Conversion Agreement, dated September 28, 2006, with Bank Leumi Le-Israel B.M. (incorporated by reference to Exhibit 99.9 of the November 2006 Form 6-K).
- 4.22 Registration Rights Agreement, dated September 28, 2006, with Bank Hapoalim B.M. (incorporated by reference to Exhibit 99.10 of the November 2006 Form 6-K).
- 4.23 Registration Rights Agreement, dated September 28, 2006, with Bank Leumi Le-Israel B.M. (incorporated by reference to Exhibit 99.11 of the November 2006 Form 6-K).
- 4.24 Equity Convertible Capital Note, dated September 28, 2006, issued to Bank Hapoalim B.M. (incorporated by reference to Exhibit 99.12 of the November 2006 Form 6-K).
- 4.25 Equity Convertible Capital Note, dated April 13, 2014, issued to Bank Leumi Le-Israel B.M. ...
- 4.26 Form of Securities Purchase Agreement (incorporated by reference to Exhibit 99.2 of the Form 6-K for the month of March 2007 No.1 filed on March 15, 2007 (the "March 2007 Form 6-K")).
- 4.27 Form of Registration Rights Agreement (incorporated by reference to Exhibit 99.4 of the March 2007 Form 6-K).
- 4.28 Agreement and Plan of Merger and Reorganization, dated May 19, 2008, between the Registrant, Jazz Technologies, Inc. and Armstrong Acquisition Corp. (incorporated by reference to Exhibit 2.1 of the May 20, 2008 Form 6-K).
- 4.29 Facility Agreement, as amended and restated by the parties through September 29, 2008. (incorporated by reference to Exhibit 4.86 to the 2008 20-F).
- 4.30 Conversion Agreement, dated September 25, 2008, with Bank Hapoalim B.M. (incorporated by reference to Exhibit 4.87 to the 2008 20-F).
- 4.31 Conversion Agreement, dated September 25, 2008, with Bank Leumi Le-Israel B.M. (incorporated by reference to Exhibit 4.88 to the 2008 20-F).
- 4.32 Conversion Agreement, dated September 25, 2008, with the Israel Corporation Ltd. (incorporated by reference to Exhibit 4.89 to the 200820-F).



- 4.33 Pledge Agreement, dated September 25, 2008, with Bank Hapoalim B.M. and Bank Leumi Le-Israel B.M. (incorporated by reference to Exhibit 4.90 to the 2008 20-F).
- 4.34 Amended and Restated Registration Rights Agreement, dated September 25, 2008, with Bank Hapoalim B.M. (incorporated by reference to Exhibit 4.91 to the 2008 20-F).
- 4.35 Amended and Restated Registration Rights Agreement, dated September 25, 2008, with Bank Leumi Le-Israel B.M. (incorporated by reference to Exhibit 4.92 to the 2008 20-F).
- 4.36 Undertaking by Israel Corporation Ltd., dated September 25, 2008. (incorporated by reference to Exhibit 4.93 to the 2008 20-F).
- 4.37 Securities Purchase Agreement, dated September 25, 2008, with the Israel Corporation Ltd. (incorporated by reference to Exhibit 4.94 to the 2008 20-F).
4. Equity Convertible Capital Note, dated October 29, 2012, issued to Bank Hapoalim B.M. (incorporated by reference to Exhibit 4.38 to the 2012 20-F).
- 4.39 Equity Convertible Capital Note, dated July 30, 2013, issued to Bank Hapoalim B.M. ...
4. Equity Convertible Capital Note, in the principal amount of \$30 million, dated September 25, 2008, issued to the Israel Corporation Ltd. in connection with the conversion of debt. (incorporated by reference to Exhibit 4.97 to the 2008 20-F).
4. Equity Convertible Capital Note, in the principal amount of \$20 million, dated September 25, 2008, issued to the Israel Corporation Ltd. in connection with the conversion of debt. (incorporated by reference to Exhibit 4.98 to the 2008 20-F).
4. Equity Convertible Capital Note, in the principal amount of \$20 million, dated September 25, 2008, issued to the Israel Corporation Ltd. in connection with the investment. (incorporated by reference to Exhibit 4.99 to the 2008 20-F).
4. Equity Convertible Capital Note, in the principal amount of \$20 million, dated January 7, 2008, issued to the Israel Corporation Ltd. in connection with the investment. (incorporated by reference to Exhibit 4.100 to the 2008 20-F).
- 4.44 Amended and Restated Registration Rights Agreement, dated September 25, 2008, with the Israel Corporation Ltd. (incorporated by reference to Exhibit 4.101 to the 2008 20-F).
- 4.45 Amendment to Undertaking by the Israel Corporation Ltd., dated January 6, 2009 (incorporated by reference to Exhibit 4.102 to the 2008 20-F).
- 4.46 Standby Equity Purchase Agreement between Tower and YA Global Master SPV Ltd., dated August 11, 2009, Amendment No. 1 dated August 27, 2009 and Amendment No. 2 dated February 4, 2010 (incorporated by reference to Exhibits 99.1, 99.2 and 99.3, respectively, of the February 5, 2010 Form 6-K).



- 4.47 Amendment No. 3 to Standby Equity Purchase Agreement between Tower and YA Global Master SPV Ltd., dated August 11, 2009 (incorporated by reference to Exhibit 99.1 to the April 23, 2010 6-K).
- 4.48 Amendment No. 4 to Standby Equity Purchase Agreement between Tower and YA Global Master SPV Ltd., dated November 15, 2010 (incorporated by reference to Exhibit 99.1 to the December 12, 2010 6-K).
- 4.49 Amendment No. 5 to Standby Equity Purchase Agreement between Tower and YA Global Master SPV Ltd., dated April 8, 2011 (incorporated by reference to Exhibit 99.1 to the April 28, 2011 6-K).
- 4.50 Exchange Agreement dated July 9, 2010 by and among Jazz Technologies, Inc., Tower Semiconductor, Ltd., Jazz Semiconductor, Inc., Newport Fab, LLC, Zazove Associates, LLC and certain holders of Jazz Technologies, Inc.'s 8% Senior Notes due 2011 (incorporated by reference to Exhibit 10.48 to Jazz Technologies, Inc.'s Quarterly Report on Form 10-Q for the quarter ended June 30, 2010).
- 4.51 Indenture dated July 15, 2010 by and among Jazz Technologies, Inc., Jazz Semiconductor, Inc., Newport Fab, LLC and U.S. Bank National Association (incorporated by reference to Exhibit 4.15 to Jazz Technologies, Inc.'s Quarterly Report on Form 10-Q for the quarter ended June 30, 2010).
- 4.52 Warrant Agreement dated July 15, 2010 between Tower Semiconductor, Ltd. and American Stock Transfer & Trust Company, LLC as warrant agent (incorporated by reference to Exhibit 4.54 to 2010 20-F).
- 4.53 Form of Series J Warrant (incorporated by reference to Exhibit 4.55 to 2010 20-F).
- 4.54 Master Agreement by and among Micron Technology, Inc., Micron Japan, Ltd. and Tower Semiconductor Ltd. dated May 25, 2011 (incorporated by reference to Exhibit 10.1 to the Registrant's Registration Statement on Form F-3 (No. 333-178166)).
- 4.55 Credit Support and Subordination Agreement, by and among Micron Technology, Inc., Micron Japan, Ltd., Tower Semiconductor Ltd., TowerJazz Japan, Ltd., and TowerJazz Japan, Ltd. dated June 3, 2011 (incorporated by reference to Exhibit 10.2 to the Registrant's Registration Statement on Form F-3 (No. 333-178166)).
- 4.56 Shareholder Rights and Restrictions Agreement between Micron Technology, Inc. and Tower Semiconductor Ltd. dated June 3, 2011 (incorporated by reference to Exhibit 10.3 to the Registrant's Registration Statement on Form F-3 (No. 333-178166)).
- 4.57 2013 option plans. ...

- 4.58 The Compensation Policy of the Company, filed by us as Annex A to Proposal 1 found in Exhibit 99.1 to the Form 6-K as furnished to the Securities and Exchange Commission on July 30, 2013, and incorporated herein by reference.
- 4.59 Exchange Agreement dated as of March 19, 2014 by and among Jazz Technologies, Inc., Tower Semiconductor, Ltd., Jazz Semiconductor, Inc., Newport Fab, LLC and certain holders of the Jazz Technologies, Inc. 8% Senior Notes due 2015. ...
- 4.60 Purchase Agreement dated as of March 19, 2014 by and among Jazz Technologies, Inc., Tower Semiconductor, Ltd., Jazz Semiconductor, Inc., Newport Fab, LLC and certain holders of the Jazz Technologies, Inc. 8% Senior Notes due 2015. ...
- 4.61 Indenture dated as of March 25, 2014 by and among Jazz Technologies, Inc., Tower Semiconductor, Ltd., Jazz Semiconductor, Inc., Newport Fab, LLC and U.S. Bank National Association. ...
- 4.62 Registration Rights Agreement dated as of March 25, 2014 by and among Tower Semiconductor, Ltd., and holders of the Jazz Technologies, Inc. 8% Convertible Senior Notes due 2018 (incorporated by reference to Exhibit 4.1 to the Registrant's Registration Statement on Form F-3 (No. 333-195200)).
- 4.63 Joint Venture Formation Agreement among Tower Semiconductor Ltd. and Panasonic Corporation, dated as of December 20, 2013. #
- 4.64 Shareholders Agreement between Tower Semiconductor Ltd., Panasonic Corporation and TowerJazz Panasonic Semiconductor Co., Ltd., dated as of April 1, 2014. #\*
- 4.65 Business Transfer Agreement between Panasonic Corporation and TowerJazz Panasonic Semiconductor Co., Ltd., dated as of April 1, 2014. #
- 4.66 Manufacturing Agreement between Panasonic Corporation and TowerJazz Panasonic Semiconductor Co., Ltd., dated as of April 1, 2014. #\*

8.1 List of Subsidiaries. ...

- 12.1 Certification by Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. #
- 12.2 Certification by Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. #
- 13.1 Certification by Chief Executive Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. ...
- 13.2 Certification by Chief Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. ...

15.1 Consent of Brightman Almagor Zohar & Co., Certified Public Accountants, a member of Deloitte Touche Tohmatsu. ...

101 The following financial information from Tower Semiconductor Ltd.'s Annual Report on Form 20-F for the year ended December 31, 2013, formatted in XBRL (eXtensible Business Reporting Language): ...

- (i) Consolidated Balance Sheets at December 31, 2013 and 2012;
- (ii) Consolidated Statements of Operations for the years ended December 31, 2013, 2012 and 2011;
- (iii) Consolidated Statements of Changes in Shareholders' Equity for the years ended December 31, 2013, 2012 and 2011;
- (iv) Consolidated Statements of Cash Flows for the years ended December 31, 2013, 2012 and 2011; and
- (v) Notes to Consolidated Financial Statements, tagged as blocks of text.

Users of this data are advised, in accordance with Rule 406T of Regulation S-T promulgated by the SEC, that this Interactive Data File is deemed not filed or part of a registration statement or prospectus for purposes of Sections 11 or 12 of the Securities Act of 1933, is deemed not filed for purposes of Section 18 of the Exchange Act, and otherwise is not subject to liability under these sections.

\* Portions of this exhibit have been omitted and filed separately with the Securities and Exchange Commission pursuant to a confidential treatment request.

... Previously filed with the Registrant's Annual Report on Form 20-F filed on May 14, 2014.

# Filed herewith.

SIGNATURES

The Registrant hereby certifies that it meets all of the requirements for filing on Form 20-F and this amendment thereto and that it has duly caused and authorized the undersigned to sign this Amendment No. 1 to Form 20-F on its behalf.

November 17, 2014

TOWER SEMICONDUCTOR LTD.

By: /S/ Russell C. Ellwanger  
Russell C. Ellwanger  
Chief Executive Officer

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