PERCEPTRON INC/MI Form SC 13D/A June 23, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13D THE SECURITIES EXCHANGE ACT OF 1934 (Amendment No. 1)*

Perceptron, Inc. (Name of Issuer)

Common Stock, \$0.01 par value (Title of Class of Securities)

71361F100 (CUSIP Number)

Kevin A. McGovern c/o Harbert Discovery Fund, LP 2100 Third Avenue North Suite 600 Birmingham, AL 35203 Telephone Number 205-987-5500 (Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

June 22, 2016 (Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of ss.240.13d-1(e), 240.13d 1(f) or 240.13d-1(g), check the following box [_].

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

1. NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Harbert Discovery Fund, LP

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [_] (b) [_]

3.SEC USE ONLY

4. SOURCE OF FUNDS

WC

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) [_]

6. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON

7. SOLE VOTING POWER

0

8. SHARED VOTING POWER

504,100

SOLE 9.DISPOSITIVE POWER

0

10. SHARED DISPOSITIVE POWER

504,100

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

504,100

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

5.4%

14. TYPE OF REPORTING PERSON

PN

1. NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Harbert Discovery Fund GP, LLC

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [_]

(b)[_]

3.SEC USE ONLY

4. SOURCE OF FUNDS

AF

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) [_]

6. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON

7. SOLE VOTING POWER

0

8. SHARED VOTING POWER

504,100

SOLE 9.DISPOSITIVE POWER

0

10. SHARED DISPOSITIVE POWER

504,100

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

504,100

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

5.4%

14. TYPE OF REPORTING PERSON

00

1. NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Harbert Fund Advisors, Inc.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [_] (b) [_]

3.SEC USE ONLY

4. SOURCE OF FUNDS

AF

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) [_]

6. CITIZENSHIP OR PLACE OF ORGANIZATION

Alabama

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON

7. SOLE VOTING POWER

0

8. SHARED VOTING POWER

504,100

SOLE 9.DISPOSITIVE POWER

0

10. SHARED DISPOSITIVE POWER

504,100

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

504,100

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

5.4%

14. TYPE OF REPORTING PERSON

IA, CO

1. NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Harbert Management Corporation

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2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [_]
(b) [_]
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3.SEC USE ONLY

4. SOURCE OF FUNDS

AF

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) [_]

6. CITIZENSHIP OR PLACE OF ORGANIZATION

Alabama

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON

7. SOLE VOTING POWER

0

8. SHARED VOTING POWER

504,100

SOLE 9.DISPOSITIVE POWER

0

10. SHARED DISPOSITIVE POWER

504,100

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

504,100

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

5.4%

14. TYPE OF REPORTING PERSON

CO

1.NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Jack Bryant

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [_]

(b)[_]

3.SEC USE ONLY

4. SOURCE OF FUNDS

AF

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)

6. CITIZENSHIP OR PLACE OF ORGANIZATION

United States of America

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON

7.SOLE VOTING POWER

0

8. SHARED VOTING POWER

504,100

SOLE 9.DISPOSITIVE POWER

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0
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10. SHARED DISPOSITIVE POWER

504,100

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

504,100

[_]

12. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES [_] CERTAIN SHARES

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

5.4%

14. TYPE OF REPORTING PERSON

IN

1. NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Kenan Lucas

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [_] (b) [_]

3. SEC USE ONLY

4. SOURCE OF FUNDS

AF

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) [_]

6. CITIZENSHIP OR PLACE OF ORGANIZATION

United States of America

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON

7.SOLE VOTING POWER

0

8. SHARED VOTING POWER

504,100

SOLE 9.DISPOSITIVE POWER

0

10. SHARED DISPOSITIVE POWER

504,100

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

504,100

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

5.4%

14. TYPE OF REPORTING PERSON

IN

1. NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Raymond Harbert

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [_]

(b)[_]

3. SEC USE ONLY

4. SOURCE OF FUNDS

AF

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) [_]

6. CITIZENSHIP OR PLACE OF ORGANIZATION

United States of America

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON

7. SOLE VOTING POWER

0

8. SHARED VOTING POWER

504,100

SOLE 9.DISPOSITIVE POWER

0

10. SHARED DISPOSITIVE POWER

504,100

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

504,100

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

5.4%

14. TYPE OF REPORTING PERSON

IN

Item 1. Security and Issuer.

The name of the issuer is Perceptron, Inc., a Michigan corporation (the "Issuer"). The address of the Issuer's principal executive offices is 47827 Halyard Drive, Plymouth, Michigan, United States of America. This Schedule 13D relates to the Issuer's common stock, \$0.01 par value (the "Shares").

Item 2. Identity and Background.

(a), (f)	This Schedule 13D is being filed jointly by (i) Harbert Discovery Fund, LP, a Delaware limited partnership (the "Fund"), (ii) Harbert Discovery Fund GP, LLC, a Delaware limited liability company (the "Fund GP"), (iii) Harbert Fund Advisors, Inc., an Alabama corporation ("HFA"), (iv) Harbert Management Corporation, an Alabama corporation ("HMC"), (v) Jack Bryant, a United States citizen, (vi) Kenan Lucas, a United States citizen, and (vii) Raymond Harbert, a United States citizen (collectively, the "Reporting Persons").
(b)	The principal business address for each of the Reporting Persons is 2100 Third Avenue North, Suite 600, Birmingham, Alabama 35203.
(c)	Jack Bryant and Kenan Lucas, are directors and co-portfolio managers of the Fund GP, which serves as general partner of the Fund. Raymond Harbert is the controlling shareholder, Chairman and Chief Executive Officer of HMC, an alternative asset investment management firm that is the managing member of the Fund GP. Mr. Harbert also serves as the Chairman, Chief Executive Officer and Director of HFA, an indirect, wholly owned subsidiary of HMC, which provides the Fund with certain operational and administrative services. The principal business of the

Fund is purchasing, holding and selling securities for investment purposes.

None of the Reporting Persons have, during the last five years, been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors).

Prior to March 2009, HMC was affiliated with the Harbinger Capital Partners Funds ("Harbinger") managed by Philip Falcone. On June 27, 2012, the Securities and Exchange Commission (the "SEC") filed civil fraud charges against Mr. Falcone and Harbinger related to, among other things, their trading in the bonds of a small company known as MAAX Holdings in 2006-2008 that the SEC alleges to have been "manipulative" in violation of Section 10(b) of the Securities Exchange Act of 1934 (the "Exchange Act"). The SEC also sought to hold HMC derivatively liable as a "control person" under Section 20(A) of the Exchange Act. Section 20(A) is a derivative liability provision that does not prohibit any specified conduct and cannot be independently violated by one's own conduct, but imposes joint and several liability on certain persons who control another to the extent that such "controlled person" is independently liable for its own violations of the securities laws. Except as set forth in this Item 2(e) none of the Reporting Persons have, during the last five years, been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding were or are subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

(d)

(e)

Item Source and Amount of Funds or Other Consideration. 3.

The funds for the purchase of the Shares by the Fund came from the working capital of the Fund, over which HFA, HMC, the Fund GP, Jack Bryant, Kenan Lucas and Raymond Harbert, through their roles described above in Item 2(c), exercise investment discretion. No borrowed funds were used to purchase the Shares, other than borrowed funds used for working capital purposes in the ordinary course of business. The total costs of the Shares directly owned by Harbert Discovery Fund, LP is approximately \$2,396,792.

Item ⁴ Purpose of Transaction.

The Reporting Persons purchased the securities of the Issuer reported herein based on their belief that the securities were undervalued and represented an attractive investment opportunity.

The Reporting Persons have had conversations with the Issuer's management regarding possible ways to enhance shareholder value. The Reporting Persons feel these conversations have been useful and are encouraged by the constructive tone to date. The Reporting Persons intend to have additional conversations with the Issuer's management and Board of Directors. These conversations have covered and are expected to continue to cover a range of issues, including those relating to the business of the Issuer's Board of Directors; management; operations; capital allocation; asset allocation; capitalization; dividend policy; financial condition; mergers and acquisitions strategy; overall business strategy; executive compensation; and corporate governance. The Reporting Persons have also had similar conversations with other stockholders of the Issuer and other interested parties, such as industry analysts, existing or potential strategic partners or competitors, investment professionals, and other investors. The Reporting Persons may at any time reconsider and change their intentions relating to the foregoing.

The Reporting Persons believe that the Issuer's current valuation is extremely low and does not reflect the intrinsic value of the business. The Issuer is the leader in its niche market with over 900 active installations, in over 200 plants, with over 40 automobile original equipment manufacturers, as well as Tier 1 suppliers and general manufacturing customers. The Issuer has strong intellectual property, a stable installed base of business, and first-rate customer relationships. Yet, the Issuer currently trades at 0.74x on a price-to-book ratio and 0.48x enterprise-value-to-sales ratio, which are levels well below where comparable companies and recent M&A transactions suggest shares could be valued.

While investors have waited over the past two decades for the Issuer to develop complimentary technology for use in other industries, the Issuer has undertaken a series of strategic missteps that have failed to diversify the business and create shareholder value. Over the past 20 years, the Issuer's common shares have returned -86.42% while the Russell 2000 Index has returned 333.68%. More recent strategic endeavors, such as the acquisitions of Coord3 Industries and Next Metrology Software, have compressed the Issuer's profitability, misallocated nearly \$30 million of cash, and further diminished shareholder value. Over the last year, common shares are down -56.36% while the Russell 2000 Index is down -8.6%. The Reporting Persons believe that this poor performance can be largely attributed to a breakdown in corporate governance and ineffective Board oversight.

Despite all of this, the Reporting Persons firmly believe the Issuer has the potential to overcome its poor historical performance by taking the appropriate steps going forward, which may include improving corporate governance and strategic oversight. The Reporting Persons also believe that management and the Board owe shareholders a thoughtful and detailed analysis of all available options to improve results. The Reporting Persons hope to continue engaging in a constructive dialogue with management and the Board of Directors regarding ways to increase value for its shareholders.

No Reporting Person has any present plan or proposal which would relate to or would result in any of the matters set forth in subparagraphs (a)- (j) of Item 4 of Schedule 13D except as set forth herein or such as would occur upon completion of any of the actions discussed herein. The Reporting Persons may in the future take one or more of the actions described in subsections (a) through (j) of Item 4 of Schedule 13D and may discuss such actions with the Issuer's management and the Board of Directors, other stockholders of the Issuer, and other interested parties, such as those set out above.

The Reporting Persons intend to review their investments in the Issuer on a continuing basis. Depending on various factors, including, without limitation, the Issuer's financial position and strategic direction, the outcome of the discussions and actions referenced above, actions taken by the Issuer's Board of Directors, price levels of the Common Stock, other investment opportunities available to the Reporting Persons, conditions in the securities market and general economic and industry conditions, the Reporting Persons may in the future take actions with respect to its investment position in the Issuer as it deems appropriate, including, without limitation, purchasing additional Common Stock or selling some or all of its Common Stock, and/or engaging in hedging or similar transactions with respect to the Common Stock.

Item Interest in Securities of the Issuer. 5.

> As of the date hereof, (i) HFA, HMC, the Fund GP, the Fund, Jack Bryant, Kenan Lucas and Raymond Harbert may be deemed to be the beneficial owners of 504,100 Shares, constituting 5.4% of the Shares, based upon *9,345,246 Shares outstanding as of the date hereof.

> HFA has the sole power to vote or direct the vote of 0 Shares; has the shared power to vote or direct the vote of 504,100 Shares; has the sole power to dispose or direct the disposition of 0 Shares; and has the shared power to dispose or direct the disposition of 504,100 Shares.

> HMC has the sole power to vote or direct the vote of 0 Shares; has the shared power to vote or direct the vote of 504,100 Shares; has the sole power to dispose or direct the disposition of 0 Shares; and has the shared power to dispose or direct the disposition of 504,100 Shares.

> The Fund GP has the sole power to vote or direct the vote of 0 Shares; has the shared power to vote or direct the vote of 504,100 Shares; has the sole power to dispose or direct the disposition of 0 Shares; and has the shared power to dispose or direct the disposition of 504,100 Shares.

The Fund has the sole power to vote or direct the vote of 0 Shares; has the shared power to vote or direct the vote of 504,100 Shares; has the sole power to dispose or direct the disposition of 0 Shares; and has the shared power to dispose or direct the disposition of 504,100 Shares.

(a) (e)

> Jack Bryant has the sole power to vote or direct the vote of 0 Shares; has the shared power to vote or direct the vote of 504,100 Shares; has the sole power to dispose or direct the disposition of 0 Shares; and has the shared power to dispose or direct the disposition of 504,100 Shares.

Kenan Lucas has the sole power to vote or direct the vote of 0 Shares; has the shared power to vote or direct the vote of 504,100 Shares; has the sole power to dispose or direct the disposition of 0 Shares; and has the shared power to dispose or direct the disposition of 504,100 Shares.

Raymond Harbert has the sole power to vote or direct the vote of 0 Shares; has the shared power to vote or direct the vote of 504,100 Shares; has the sole power to dispose or direct the disposition of 0 Shares; and has the shared power to dispose or direct the disposition of 504,100 Shares.

The transactions by the Reporting Persons in the securities of the Issuer since the prior Schedule 13D are set forth in Exhibit B. All such transactions were carried out in open market transactions.

*This outstanding Shares figure reflects the number of outstanding Shares at May 5, 2016, as reported in the Issuer's Form 10-Q, filed on May 9, 2016.

> Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.

Not Applicable.

Item 6.

Item 7. Material to be Filed as Exhibits.

Exhibit A: Joint Filing Agreement Exhibit B: Schedule of Transactions in Shares

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

June 23, 2016 (Date)

Harbert Discovery Fund, LP

- By: Harbert Discovery Fund GP, LLC, its General Partner
- By: Harbert Management Corporation, its Managing Member
- By:/s/ John McCullough Executive Vice President and General Counsel
- Harbert Discovery Fund GP, LLC*
- By: Harbert Management Corporation, its Managing Member
- By:/s/ John McCullough Executive Vice President and General Counsel
- Harbert Fund Advisors, Inc.*
- By:/s/ John McCullough Executive Vice President and General Counsel

Harbert Management Corporation*

By:/s/ John McCullough Executive Vice President and General Counsel

> /s/ Jack Bryant* Jack Bryant

/s/ Kenan Lucas*

Kenan Lucas

/s/ Raymond Harbert* Raymond Harbert

* This reporting person disclaims beneficial ownership of these reported securities except to the extent of its pecuniary interest therein, and this report shall not be deemed an admission that any such person is the beneficial owner of these securities for purposes of Section 16 of the U.S. Securities Exchange Act of 1934, as amended, or for any other purpose.

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (see 18 U.S.C. 1001).

Exhibit A

AGREEMENT

The undersigned agree that this Schedule 13D, Amendment 1, dated June 23, 2016, relating to the Common Stock, \$0.01 par value of Perceptron, Inc. shall be filed on behalf of the undersigned.

June 23, 2016 (Date)

Harbert Discovery Fund, LP

- By: Harbert Discovery Fund GP, LLC, its General Partner
- By: Harbert Management Corporation, its Managing Member
- By:/s/ John McCullough Executive Vice President and General Counsel
- Harbert Discovery Fund GP, LLC
- By: Harbert Management Corporation, its Managing Member
- By:/s/ John McCullough Executive Vice President and General Counsel
- Harbert Fund Advisors, Inc.
- By:/s/ John McCullough Executive Vice President and General Counsel
- Harbert Management Corporation
- By:/s/ John McCullough Executive Vice President and General Counsel

/s/ Jack Bryant Jack Bryant /s/ Kenan Lucas Kenan Lucas

/s/ Raymond Harbert Raymond Harbert

Exhibit B

Schedule of Transactions in Shares

		Number	Number	Price
Date of Transaction Title of Class		of Shares	of Shares	Per
		Acquired	Disposed	Share
05/25/2016	Common Stock, \$0.01 par value	5,981		4.5998
06/07/2016	Common Stock, \$0.01 par value	2,000		4.4175
06/08/2016	Common Stock, \$0.01 par value	5,000		4.3293
06/21/2016	Common Stock, \$0.01 par value	10,000		4.4947

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