Form 144 Filer Information SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Form 144

FORM 144

NOTICE OF PROPOSED SALE OF SECURITIES PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933

144: Filer Information

Filer CIK0001802649Filer CCCXXXXXXXIs this a LIVE or TEST Filing?Is LIVE TESTSubmission Contact InformationIs this a Live of the second secon

Name Phone E-Mail Address

144: Issuer Information

Name of Issuer SEC File Number

Address of Issuer

Phone

Name of Person for Whose Account the Securities are To Be Sold

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

Relationship to Issuer

Former Chief People Officer

144: Securities Information

| Title of the Class of Securities To Be Sold | Name and Address of the Broker | Number of Shares or Other Units To Be Sold | Aggregate Market Value | | | Securities |
|------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------|----------|------------|------------|
| Common | Fidelity Brokerage Services LLC 900 Salem Street Smithfield RI 02917 | 1669 | 793.44 | 35751956 | 07/28/2023 | NASDAQ |

Furnish the following information with respect to the acquisition of the securities to be sold and with respect to the payment of all or any part of the purchase price or other consideration therefor:

144: Securities To Be Sold

Title of the Date Amount of Date you Nature of Name of Is Date of Nature of Class Acquired Acquisition Person from this Donor **Securities** Payment Payment *

Frequency Therapeutics, Inc. 001-39062 75 HAYDEN AVENUE SUITE 300 LEXINGTON MASSACHUSETTS 02421 781-315-4600 Arnold Wendy S

| | Transaction | Whom Acquired | a Acquire Gift? | d Acquired | |
|--------|----------------------------------------|------------------|--------------------|------------|-------------------------|
| Common | 07/27/2023 Restricted Stock Vesting | Issuer | | 1669 | 07/27/2023 Compensation |

* If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

144: Securities Sold During The Past 3 Months

| Name and Address of Seller | Title of Securities Sold | Date of Amount Sale Sold | |
|---------------------------------------------------------------------|--------------------------|-----------------------------|---------|
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/06/2023 1767 | 597.42 |
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/07/2023 1669 | 595.17 |
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/10/2023 1655 | 619.96 |
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/11/2023 1733 | 645.54 |
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/12/2023 1671 | 662.72 |
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/13/2023 1686 | 663.10 |
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/14/2023 1152 | 679.33 |
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/17/2023 1774 | 1206.32 |
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/18/2023 1871 | 1053.37 |
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/19/2023 1692 | 1096.25 |
| Wendy Arnold 75 Hayden Avenue | Common | 07/20/2023 1716 | 1109.05 |

| Suite 300 Lexington MA 02421 | | | |
|---------------------------------------------------------------------|--------|------------------|----------|
| Wendy Arnold 75 Hayden Avenue, Suite 300 Lexington MA 02421 | Common | 07/21/2023 1696 | 1036.76 |
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/24/2023 52939 | 29105.11 |
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/25/2023 1773 | 883.49 |
| Wendy Arnold 75 Hayden Avenue Suite 300 Lexington MA 02421 | Common | 07/26/2023 1645 | 863.46 |
| Wendy Arnold 75 Hayden Avenue, Suite 300 Lexington MA 02421 | Common | 07/27/2023 1788 | 919.21 |

144: Remarks and Signature

Remarks Date of Notice 07/28/2023 ATTENTION:

The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the Issuer of the securities to be sold which has not been publicly disclosed. If such person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.

Signature /S/ Adam Gehring, as a duly authorized representative of Fidelity Brokerage Services LLC, as attorney-infact for Wendy Arnold

ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)