0.13 3a BAYC Historical Sales

[18]:
```
# Quering the API for transaction data
BAYC_tx_url = url + chain_id + "/address" + BAYC_address + page_option +␣
 ↪api_option
BAYC_tx = requests.get(BAYC_tx_url).json()

# Convert transactions data to dataframe
BAYC_tx_df = pd.DataFrame(BAYC_tx['data']['items'], columns =␣
 ↪['to_address_label','fees_paid', 'value_quote','block_signed_at']).
 ↪set_index('block_signed_at').sort_index()

BAYC_tx_df.head()
```

[18]:
```
                                to_address_label          fees_paid  \
block_signed_at
2022-05-02T20:37:49Z                            None  80753868585244770
2022-05-02T20:44:31Z  Wyvern Exchange Contract (-)  19052443987785043
2022-05-02T20:50:02Z                            None  11388694937249759
2022-05-02T20:55:00Z                            None  17955072367955640
2022-05-02T20:55:32Z                            None   4449937167409760

                      value_quote
block_signed_at
2022-05-02T20:37:49Z      0.00000
2022-05-02T20:44:31Z  303074.83252
2022-05-02T20:50:02Z      0.00000
2022-05-02T20:55:00Z      0.00000
2022-05-02T20:55:32Z      0.00000
```

[19]:
```
# Filter Through data for non null transactions
BAYC_sales_df = BAYC_tx_df[BAYC_tx_df['value_quote'] != 0]
BAYC_sales = BAYC_sales_df[BAYC_sales_df['to_address_label'].notnull()].dropna()

# Creating the plot using plotly express
BAYC_fig = px.bar(BAYC_sales,
             x='to_address_label',
             y= 'value_quote',
             color='value_quote',
             height=1020,
             width = 1000,
                  barmode = 'overlay',
                  labels={'value_quote':'Amount in USD', 'to_address_label':␣
 ↪'Exchange'},
             title='USD spent to buy Bore Apes in recent 1000 transactions'
            )
BAYC_fig.show()
```