| TIMELINESS | $\mathbf{3}$ Raised 2/21/20 |
| :--- | :--- |
| SAFETY | $\mathbf{3}$ Raised $2 / 24 / 12$ |
| TECHNICAL | 2 |
| Raised $8 / 14 / 20$ |  |
| BETA | $1.30 \quad(1.00=$ Market) | BETA $1.30 \quad(1.00=$ Market $)$

18-Month Target Price Range Low-High Midpoint (\% to Mid) \$182-\$432 \$307 (5\%)
 Institutional Decilions

|  | $3 Q 2019$ | 4 Q2019 | 1 Q2020 |
| :--- | ---: | ---: | ---: |
| to Buy | 274 | 333 | 299 |
| to Sell | 372 | 278 | 350 |
| Hld's(000) | 65979 | 67485 | 67733 |
| $\mathbf{2 0 0 4}$ | $\mathbf{2 0 0 5}$ | $\mathbf{2 0 0 6}$ | $\mathbf{2 0 0 7}$ |


| High: Low: | $\begin{array}{r} 18.8 \\ 6.1 \end{array}$ | $\begin{aligned} & 21.4 \\ & 13.2 \end{aligned}$ | 25.9 14.3 | 39.8 22.4 | $\begin{aligned} & 60.0 \\ & 25.6 \end{aligned}$ | 65.1 43.3 | 68.5 51.7 | 102.1 57.3 | $\begin{array}{r} 266.4 \\ 88.6 \end{array}$ | $\begin{aligned} & 398.9 \\ & 188.6 \end{aligned}$ | $\begin{aligned} & 334.6 \\ & 169.8 \end{aligned}$ | $\begin{aligned} & 326.4 \\ & 127.9 \end{aligned}$ |  | Target Price Range |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LEGENDS <br> - 25.0 x "Cash Flow" p sh $\ldots$ Relative Price Strength Options: Yes Shaded area indicates recession |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $-640$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 480 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- | --- | +480 |
|  |  |  |  |  |  |  |  |  |  | $\\|^{\prime \prime \prime}$ |  |  |  |  |  | 320 |
|  |  |  |  |  |  |  |  |  |  |  | \\| $11 \mid 11$ | ${ }_{1}{ }^{1}$ |  | ----- | ---- | -240 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | -200 |
|  |  |  |  |  |  |  |  |  | ${ }^{11}$ |  | 1 |  | ,' |  |  | -160 |
|  |  |  |  |  |  |  |  |  | $1^{11}$ |  |  |  |  |  |  | -120 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| 2.84 | 3.34 | 3.18 | 4.14 | 4.63 | 4.19 | 5.07 | 6.09 | 6.95 | 8.19 | 9.50 | 10.64 | 13.57 | 18.41 | 24.65 | 30.69 | 25.65 | 36.55 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| . 30 | . 19 | d. 24 | . 72 | . 48 | . 52 | . 96 | 1.15 | 1.37 | 1.80 | 2.04 | 2.04 | 2.69 | 4.44 | 5.70 | 6.29 | 3.70 | 7.90 | "Cash Flow" per sh | 14.85 |
| . 14 | . 02 | d. 40 | . 50 | . 31 | . 41 | . 80 | . 97 | 1.17 | 1.54 | 1.77 | 1.77 | 2.33 | 3.89 | 4.92 | 5.18 | 2.65 | 6.80 | Earnings per sh A | 13.45 |
|  |  |  |  |  |  |  |  | -- |  |  |  |  |  |  |  | Nil | Nil | Div'ds Decl'd per sh | Nil |
| . 15 | . 22 | . 15 | . 11 | . 22 | . 10 | . 24 | . 39 | . 48 | . 24 | . 30 | . 67 | . 89 | 2.45 | 2.80 | 1.91 | 1.80 | 2.55 | Cap'l Spending per sh | 2.20 |
| 1.41 | 1.51 | 1.29 | 2.35 | 3.33 | 3.66 | 4.95 | 6.23 | 7.21 | 7.87 | 9.39 | 10.67 | 12.51 | 14.37 | 15.70 | 17.16 | 20.00 | 26.65 | Book Value per sh B | 61.05 |
| 60.88 | 62.08 | 64.86 | 68.64 | 65.63 | 74.57 | 76.39 | 78.78 | 80.61 | 80.58 | 80.21 | 79.50 | 79.55 | 80.04 | 79.78 | 78.43 | 78.75 | 78.75 | Common Shs Outst'g ${ }^{\text {C }}$ | 81.50 |
| NMF | NMF |  | 41.5 | 35. | 29 | 21.9 | 21.8 | 25.7 | 26.7 | 30.5 | 33.9 | 34.9 | 40.7 | 59.5 | 48.3 | Bold | s are | Avg Ann'I P/E Ratio | 26.5 |
| NMF | NMF | - | 2.20 | 2.12 | 1.94 | 1.39 | 1.37 | 1.64 | 1.50 | 1.61 | 1.71 | 1.83 | 2.05 | 3.21 | 2.61 |  |  | Relative P/E Ratio | 1.45 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $s$ | Avg Ann'I Div'd Yield | Nil |
| CAPITAL STRUCTURE as of 6/30/20 |  |  |  |  |  | 387.1 | 479.7 | 560.0 | 660.2 | 761.7 | 845.5 | 1079.9 | 1473.4 | 1966.5 | 2406.8 | 2020 | 2880 | Sales (\$mill) | 5985 |
| Total Debt None |  |  |  |  |  | 25.1\% | 24.3\% | 25.4\% | 26.5\% | 27.8\% | 24.4\% | 25.3\% | 26.6\% | 26.5\% | 24.7\% | 21.5\% | 29.0\% | Operating Margin | 30.0\% |
|  |  |  |  |  |  | 1.4 | 12. | 13.4 | 13.9 | 17.9 | 18.0 | 24.0 | 37.7 | 54.7 | 79.0 | 76.5 | 77.0 | Depreciation (\$mill) | 130 |
| Leases, Uncapitalized Annual rentals \$18.4 mill. |  |  |  |  |  | 62.3 | 78.1 | 96.7 | 131.3 | 145.8 | 144.0 | 189.7 | 318.0 | 400.2 | 414.7 | 215 | 545 | Net Profit (\$mill) | 1080 |
|  |  |  |  |  |  | 26.8\% | 25.0\% | 24.0\% | 18.0\% | 23.4\% | 22.6\% | 21.1\% | 11.9\% | 12.4\% | 21.0\% | 22.5\% | 22.5\% | Income Tax Rate | 22.5\% |
| No Defined Benefit Pension Plan |  |  |  |  |  | 16.1\% | 16.3\% | 17.3\% | 19.9\% | 19.1\% | 17.0\% | 17.6\% | 21.6\% | 20.4\% | 17.2\% | 10.6\% | 18.9\% | Net Profit Margin | 18.0\% |
| Pfd Stock None |  |  |  |  |  | 295.6 | 236.7 | 330.0 | 369.4 | 455.4 | 460.3 | 598.7 | 659.2 | 610.4 | 662.4 | 660 | 680 | Working Cap'l (\$mill) | 725 |
|  |  |  |  |  |  |  |  | - |  | - | -- | - | -- | - | -- | Nil | Nil | Long-Term Debt (\$mill) | Nil |
| Common Stock 78,753,161 shs. as of $2 / 21 / 20$ |  |  |  |  |  | 377.7 | 490.8 | 581.3 | 634.0 | 752.8 | 847.9 | 995.4 | 1150.4 | 1252.9 | 1346.2 | 1575 | 2100 | Shr. Equity (\$mill) | 4895 |
|  |  |  |  |  |  | 16.5\% | 15.9\% | 16.6\% | 20.7\% | 19.4\% | 17.0\% | 19.1\% | 27.6\% | 31.9\% | 30.8\% | 13.5\% | 26.0\% | Return on Total Cap'l | 22.0\% |
|  |  |  |  |  |  | 16.5\% | 15.9\% | 16.6\% | 20.7\% | 19.4\% | 17.0\% | 19.1\% | 27.6\% | 31.9\% | 30.8\% | 13.5\% | 26.0\% | Return on Shr. Equity | 22.0\% |
| MARKET CAP: \$22.6 billion (Large Cap) |  |  |  |  |  | $16.5 \%$ | $15.9 \%$ | 16.6\% | $20.7 \%$ | 19.4\% | $\begin{array}{r} 17.0 \% \\ - \end{array}$ | $19.1 \%$ | $27.6 \%$ | $31.9 \%$ | $\begin{array}{r} \hline 30.8 \% \\ \hline \end{array}$ | $\begin{array}{r} \hline 13.5 \% \\ \mathrm{Nil} \end{array}$ | $\begin{array}{r} \hline 26.0 \% \\ \mathrm{Nil} \end{array}$ | Retained to Com Eq All Div'ds to Net Prof | 22.0\% |
| CURRE (SMI | [ POSI | $\mathrm{ON}$ | 018 | $2019$ | 0/20 |  |  |  |  |  |  |  |  |  |  |  |  |  | Nil |


| (\$MILL.) |  |  |  |
| :--- | ---: | ---: | ---: |
| Cash Assets | 735.4 | 868.6 | 404.4 |
| Receivables | 439.0 | 550.3 | 473.3 |
| Inventory (FIFO) | 55.6 | 112.1 | 131.3 |
| Other | 72.5 | 102.5 | $\frac{140.3}{}$ |
| Current Assets | 1302.5 | 1633.5 | 1149.2 |
| Accts Payable | 64.3 | 87.3 | 95.0 |
| Debt Due | -- | -- | .- |
| Other | 627.8 | 883.7 | 846.6 |
|  |  | 692.1 | 971.0 |
| Current Liab. |  |  | 941.6 |


| ANNUAL RATES | Past | Past | Est'd '17-'19 |
| :--- | :---: | :---: | :---: |
| of change (per sh) | 10 Yrs. | 5 Yrs. | to '23-'25 |
| Sales | $19.0 \%$ | $24.5 \%$ | $16.5 \%$ |
| "Cash Flow" | $25.5 \%$ | $26.0 \%$ | $16.0 \%$ |
| Earnings | $27.5 \%$ | $25.5 \%$ | $17.0 \%$ |
| Dividends | .- | .- | Nil |
| Book Value | $17.5 \%$ | $14.0 \%$ | $15.0 \%$ |


| Book Value |  | 17.5\% 14.0\% |  |  | .0\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Calendar | QUARTERLY SALES (\$ mill.) |  |  |  | Full Year |
|  | Mar. 31 | Jun. 30 | Sep. 30 | Dec. 31 |  |
| 2017 | 310.3 | 356.5 | 385.3 | 421.3 | 1473.4 |
| 2018 | 436.9 | 490.3 | 505.3 | 534.0 | 1966.5 |
| 2019 | 549.0 | 600.7 | 607.3 | 649.8 | 2406.8 |
| 2020 | 551.0 | 352.3 | 659.7 | 659.7 | 2060 |
| 2021 | 595 | 655 | 775 | 885 | 2880 |
| Calendar | EARNINGS PER SHARE A |  |  |  | 11 |
|  | Mar. 31 | Jun. 30 | Sep. 30 | Dec. 31 | Year |
| 2017 | . 85 | 85 | 1.01 | 1.18 | 3.89 |
| 2018 | 1.17 | 1.30 | 1.24 | 1.21 | 4.92 |
| 2019 | 1.17 | 1.26 | 1.22 | 1.53 | 5.18 |
| 2020 | . 73 | d. 52 | . 78 | 1.66 | 2.65 |
| 2021 | 1.58 | 1.75 | 1.75 | 1.72 | 6.80 |
| Calendar | QUARTERLY DIVIDENDS PAID |  |  |  | Full |
|  | Mar. 31 | Jun. 30 | Sep. 30 | Dec. 31 | Year |
| $\begin{aligned} & 2016 \\ & 2017 \\ & 2018 \\ & 2019 \\ & 2020 \\ & \hline \end{aligned}$ | NO CASH DIVIDENDSBEING PAID beng Paid |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

BUSINESS: Align Technology, Inc., engages in the design, manufacture, and marketing of Invisalign aligners, and related orthodontic scanners and services. The product has three primary components: the iTero scanner, the ClinCheck treatment protocol and the aligners. Aligners are thin, clear and removable dental appliances that are used in sets to progressively straighten teeth. Has

## Align Technology posted notably

 weak results for the second quarter, due to COVID-19. The onset of the coronavirus in late March forced the closure of many dentists' and orthodontists' offices, interrupting patient access to the company's products. New patients must have their dentition scanned or molded so that Align can create a set of custom fit aligners. The impact is evident in the results. Net revenues declined $41.1 \%$ year to year to $\$ 352.3$ million, generating an operating loss of $\$ 70.0$ million, and a net loss of $\$ 40.6$ million, or $\$ 0.35$ per share. Both segments were under heavy pressure. Clear Aligner segment revenues decreased $39.9 \%$ to $\$ 298.3$ million, in line with the $41.2 \%$ decline in Invisalign case shipments. Revenues of the Imaging Systems and CAD/CAM Services segment fell $48.1 \%$ to $\$ 54.0$ million.We expect the company to regain lost ground in the third quarter and recover in the fourth. With secondquarter results, management indicated most practitioners in every region were open and treating patients. We note the onset of the pandemic coincided with the

11,660 employees. Officers and directors own $1.2 \%$ of common stock; Gordon Gund Family Trust and affiliates, 7.1\%, BlackRock, $8.2 \%$; The Vanguard Group, 10.2\% (4/20 proxy). Chairman: C. Raymond Larkin, Jr. President and CEO: Joseph Hogan. Inc.: DE. Address: 2560 Orchard Parkway, San Jose, CA 95131. Telephone: 408-470-1000. Internet: www.aligntech.com.
trial release of two products used for virtual patient care, Invisalign Virtual Appointment and Invisalign Virtual Care. The company also held a large number of virtual training and promotional events to foster adoption of its technology. During the quarter, more than 20,000 practitioners or potential patients attended 150 such events. In short, management reacted in numerous ways to the disruption. Still, we have reduced our share-net estimates for 2020 and 2021 by $\$ 1.15$ and $\$ 0.60$, respectively, to $\$ 2.65$ and $\$ 6.80$.
Align continues to develop and promote digital products for use with its aligners. For nearly a decade, the company has offered scanners that make threedimensional images of a patient's dentition with software that enables planned treatment of his or her bite. On April 1st, it completed its acquisition of excocad [sic] Global Holdings GmbH for $\$ 340$ million. It augments Align's digital platform, leveraging exocad's restorative dentistry.
Ranked 3 (Average) for Timeliness, Align shares have subpar appreciation potential to 2023-2025.
Glenn Pierr Johnson
14, 2020
A) Diluted earnings. Next earnings report due $\$(0.28)$ and $\$ 0.35$ in 2019.
ate October. Quarterly earnings may not sum (B) Includes intangibles. In 12/31/19, \$75.7 mildue to rounding. Excludes net nonrecurring lion/\$0.97 a share. gains and (losses) of (\$0.78) in 2013 and (C) In millions.

